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1876-1921

SCOBIE & PARKER CO.'S

ANNUAL

SEED CATALOGUE

For 1921



Scobie & Parker Co.
507 Liberty Avenue
Pittsburgh, Pa.

STECHER LITH CO. ROCHESTER N.Y.

Seeds ∴ Implements ∴ Poultry Supplies

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GENERAL CATALOGUE OF SEEDS, PLANTS, Etc.

FOREWORD

We take pleasure in presenting to you our Seed Catalogue for 1921.

Our forty-four years in the seed and agricultural implement business, is the only reputation we ask you to accept, in judging the merits and quality of the goods we offer.

Our line of Agricultural Implements are the "STANDARDS" of their respective kinds, proven by their many years of universal use, and second to none in the world.

The fact that our seed business is doubling itself each year is only evidence of the fact that quality counts, that we sell only the VERY BEST seeds that money can buy, and our capacity for buying in quantities from GROWERS DIRECT, is the result of the prices we herewith offer, for your consideration.

NOT WARRANTED—We do not warrant in any way, expressed or implied, the contents, or the description, quality, productiveness, or any other matter of any Seeds, Bulbs or Plants, sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions, we make this sale, at the moderate prices at which we sell our goods.

OWING TO THE SHORTAGE IN SOME CROPS OF SEEDS, THESE PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE.

ASPARAGUS (Spargal, Ger.)

One Ounce Will Produce 200 Plants. Five Pounds to the Acre.

CULTURE—In early Spring sow the seed in drills one foot apart and one inch deep. When two years old transplant to permanent beds, which should be richly manured and trenched to a depth of 18 inches. Set the plants 4 inches deep and 18 inches apart in rows 2½ feet apart. Each Spring fork in a heavy dressing of manure and one quart of salt to each square rod. Two-year-old roots will insure the best and earliest results.

PALMETTO. It is of very large size, even and regular in growth. It is a very early sort, and immensely productive and of the best quality.

CONOVER'S COLOSSAL. One of the best varieties, large and productive.

ASPARAGUS ROOTS. By planting Asparagus Roots instead of the seeds, much time can be saved in getting the shoots ready for table or market. Plant in Spring, as early as possible.

CONOVER'S COLOSSAL. Two-year-old roots.

PALMETTO. Two-year-old roots.

Prices on any variety of 2-year-old roots: Per 100, \$1.50; per 1000, \$13.00.

BRUSSELS SPROUTS

One Ounce of Seed to 100 Yards of Row.

AMAGAR MARKET. Plants of very vigorous growth, about 3 feet in height; Pkt. oz. ¼ lb. stalks large, thick and close-jointed, the sprouts set quite thickly upon the stalk, and are developed very uniformly.....\$.10 \$.20 \$.75

Scobie & Parker's Special Home Garden Offer No. 1.

\$1.50 Worth of Seed for \$1.00 Postpaid.

- ½ Pt. Green Beans, Stringless.
- ½ Pt. Yellow Beans, Stringless.
- ½ Pt. Peas, Early Dwarf.
- ½ Pt. Corn, Parker's Golden Delicious.
- Bigger and better than Bantam.
- 1 Packet Each of the Following:
- Lettuce, Beet, Radish, Carrot, Cucumber,
- Onion, Swiss Chard, Parsley.
- Cosmos, Aster, Petunia, Phlox, Zinnia.
- This Combination Will Not Be Changed.
- One Dollar Postpaid. Order Early

Scobie & Parker's Special Seed Offer No. 2.

\$2.00 Worth of Seed for \$1.50.

- 1 Pt. Stringless Green Beans.
- 1 Pt. Stringless Wax Beans.
- 1 Pt. Early Dwarf Peas.
- 1 Pt. Parker's Challenge Corn.
- This is a new corn, early and large ear.
- 1 Oz. each Lettuce, Beet, Radish, Carrot,
- Cucumber, Swiss Chard, Parsley.
- 1 Pkt. each Pumpkin and Squash.
- 1 Pkt. each Cosmos, Astor, Petunia, Phlox,
- Zinnia, Alyssum, Balsam, Verbena.
- \$1.50 POSTPAID.

BEANS (Bohne, Ger.) DWARF OR BUSH



J.B.R.S. Co.

One Quart Will Plant One Hundred Feet of Drill.

Culture—Beans are tender and will not bear much cold. Plant about the middle of April, if the ground is warm and the season favorable, and at intervals throughout the season for a succession, finishing about the 15th of August. The best mode of culture is in rows two feet apart, and the beans three inches apart and two inches deep in the rows. Keep well hoed and draw the earth up to the stems, but only when dry; working when wet with the rain or dew will cause them to rust and injure the crop.

GREEN PODDED BUSH BEANS (STRINGLESS)

FULL MEASURE. A new stringless Green-podded Bush Beans. Pods round and about 5 inches in length. Tender, of excellent quality and very productive.

Qt. \$.45; Pk. \$3.00; Bu. \$11.00

BOUNTIFUL. Pods grow to a large size, broad and fleshy; quality very good when young; very productive.

Qt. \$.45; Pk. \$3.00; Bu. \$11.00

BURPEE'S GREEN-POD STRINGLESS. Pods entirely stringless; are very full and fleshy. They remain crisp and tender until Beans are fully developed in the pod.

Qt. \$.45; Pk. \$3.00; Bu. \$11.00

GIANT GREEN-POD STRINGLESS. As early and productive as the Valentine, with pods a third larger, round, full and fleshy.

Qt. \$.45; Pk. \$3.00; Bu. \$11.00

GREEN PODDED STRING BEANS

LONGFELLOW. Pods straight, round, pale green; 6 inches or more in length.

When cooked they retain their light green color and good flavor. Early..... .45 3.00 11.00

REFUGEE or 1000 to 1. Pods round tender, fleshy and of fine flavor45 3.00 11.00

BLACK VALENTINE. Pods long, straight, round and early; of good quality and a heavy yielder; has so far proven rust-proof \$.40 2.75 10.00

IMPROVED RED VALENTINE. Pods round, thick and solid; tender, fine flavor.. .40 2.75 10.00

DWARF HORTICULTURAL. Furnishes green shelled Beans of fine quality40 2.75 10.00

RED KIDNEY. For Dry Bean for winter use50 3.25 12.00

WHITE KIDNEY. Very desirable for a shell Bean. Seeds large, shaped, and of excellent quality40 2.75 10.00

WHITE MAROFAT. Grown for a dry Bean for winter use40 2.75 10.00

SNOWFLAKE, NAVY. An improvement on the common Navy Bean; earlier and more productive35 2.25 8.00

WAX, or YELLOW-PODDED STRINGLESS BUSH BEANS

SURE-CROP STRINGLESS WAX. This splendid new Bean is one of the most prolific yet introduced. Beautiful, rich yellow semi-round pods. It is early, hardy, stringless, rust-proof, of finest quality50 3.50 12.00

PENCIL-POD WAX. Pods long, round, straight, slender, early, very productive.... .50 3.50 12.00

WARDWELL'S WAX. Excellent early variety. Pods creamy yellow, long, broad, flat, brittle and stringless50 3.50 12.00

KEENEY'S RUSTLESS GOLDEN WAX. Vines strong and vigorous with short runners. Pods produced in abundance; stringless, white and wax-like50 3.50 12.00

ROUND-POD KIDNEY WAX, or BRITTLE WAX. Pods long, round, solid, brittle and of fine quality. Plants vigorous, early and very productive50 3.50 12.00

NEW WHITE KIDNEY WAX. Pods long, fleshy, and stringless50 3.50 12.00

WAX, or YELLOW-PODDED STRING BUSH BEANS

PROLIFIC BLACK WAX. The old standard Black Wax45 3.00 11.00

GOLDEN EYED WAX. Round pod, early..... .45 3.00 11.00

DAVIS WAX. Large straight, flat pod..... .45 3.00 11.00

IMP. GOLDEN WAX. Flat pod; productive..... .45 3.00 11.00

Beans—Continued

DWARF or BUSH LIMAS—Two Weeks Earlier Than Pole Limas.

BURPEE'S BUSH LIMA BEAN. The true bush form of the old large Lima Pole Bean. It grows vigorously to a height of 18 to 20 inches, forming a circular bush 2 or 2½ feet in diameter, requiring no poles or stakes	Qt. .65	Pk. \$4.50	Bu. \$17.00
IMPROVED DWARF LIMA. Pods and Beans are both larger and thicker than Burpee's Bush Lima. Plant is a vigorous grower with heavy foliage .....	.65	4.50	17.00
FORDHOOK BUSH LIMA. Both pods and Beans much larger than those of any other Bush Lima. Habit of plant, a strong, erect, bush-like growth. Pods borne in clusters of from 4 to 8, averaging 4 Beans to the pod. Exceedingly productive and of best quality .....	.65	4.50	17.00

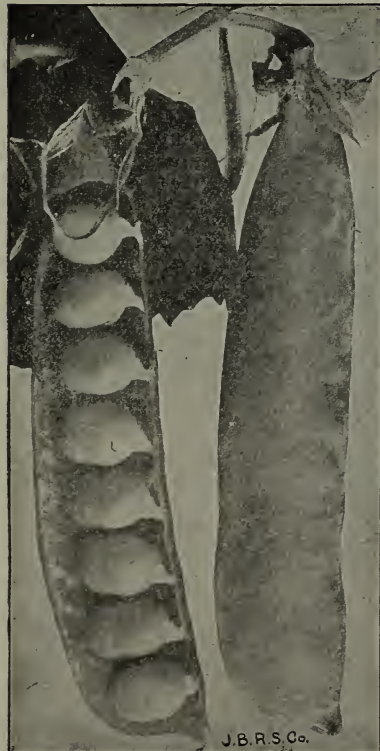
POLE LIMA BEANS—All Best Grade Hand-Picked

KING OF THE GARDEN. The vines set Beans early and bear until frost; only two vines allowed to a hill .....	.60	4.25	16.00
SIEBERT'S EARLY LIMA. Pods and Beans quite large; very early and productive; quality the best .....	.60	4.25	16.00
LARGE WHITE LIMA. The Large Lima is a general favorite .....	.60	4.25	16.00
CARPINTERIA POLE LIMA. The vines are strong growing and vigorous, producing an abundance of fine, large, medium green pods, usually closely filled with four beans of largest size, much thicker than the average pole lima. The color is distinctive in having a decided greenish tint, an indication of very finest quality .....	.60	4.25	16.00
EARLY LEVIATHAN .....	.60	4.25	16.00

EDIBLE-PODDED POLE BEANS

Pole Beans are even more sensitive to cold and wet, as well as to droughts and hot winds, than the dwarf varieties, but are of superior quality and productiveness. After settled warm weather, set poles 4 to 8 feet long in rows 4 feet apart and extending north and south, the poles being 3 feet apart in the row. Let the poles slant slightly toward the north. Set in this way the vines climb better, and the pods are straighter and more easily seen. Around each stake plant 5 to 8 beans 2 inches deep. When well started thin to 4 plants, and see that they all climb around the pole in the same way, for they will not grow if tied up in the opposite direction.

KENTUCKY WONDER WAX. Has all the desirable qualities of Kentucky Wonder Green-Pod. Pods transparent yellow, stringless and of delicious quality; very vigorous and immensely productive	Qt. .60	Pk. \$4.00	Bu. \$15.00
KENTUCKY WONDER, or OLD HOMESTEAD. Pods borne in clusters; deep green in color; round and often 9 inches in length; tender, crisp and finest quality .....	.50	3.50	12.00



J.B.R.S. Co.

Laxtonian

WHITE-SEEDED KENTUCKY WONDER.

A continuous bearer and almost rust-proof, the round green pods being stringless.....

LAZY WIFE. Very productive; pods green; 4 to 6 inches long; broad, thick, fleshy and entirely stringless; rich and tender

HORTICULTURAL. Bears profusion of large, fleshy pods; one of the best and finest flavored shell Beans

EARLY GOLDEN CLUSTER WAX. Splendid Snap Bean. Vines strong and hardy;

GARDEN PEAS

(ERBSEN, Ger.; POIS, Fr.)

Our Seed Peas are all grown in the north, and are of the earliest and hardest as well as the purest strains. They are far superior to most of the Seed Peas sold. They may be expected to bring well-filled pods, which cheap and carelessly grown seed will not do.

The smooth-seeded early sorts, such as **Alaska** and **First and Best**, can be sown while frost is yet in the ground, while larger and sweeter peas sown at the same time would rot. Sow some of the early, second early, and late varieties at intervals of about two weeks apart, and your table will be supplied with delicious peas during the entire season.

Dwarf growing Peas require very rich soil and need no support of any kind; tall growing sorts should be trained to wire trellis or supported by brush. Wrinkled peas are the sweetest, and are recommended for the home garden.

Figures preceding description of varieties indicate height.

EXTRA EARLY SMOOTH SORTS

FIRST AND BEST, 50 Days. A white seeded Extra Early—fine quality, 24 inches	Qt. .50	Pk. \$3.50	Bu. \$12.00
ALASKA, 49 Days. 2½ feet. Pods small, but well filled with excellent drak green Peas..	.50	3.50	12.00

Peas—Continued

EARLY WRINKLED SORTS

	Qt.	Pk.	Bu.
*SUTTON'S EXCELSIOR. A fine wrinkled Pea quite hardy. The plants are dwarf (about 15 inches high), of vigorous growth	\$.60	\$4.00	\$14.00
*AMERICAN WONDER. Vigorous, productive vines, with a luxuriant foliage, from 9 to 12 inches high .....	.60	4.00	14.00
*NOTT'S EXCELSIOR. Resembling Gems in habit, but more dwarf and uniform in growth; height, 12 to 17 inches, with rather light foliage. Pods are light in color .....	.60	4.00	14.00
*GRADUS, 52 Days. An extra early sort. Pods as large as Telephone; very showy, green Peas, most luscious.....	.60	4.00	14.00
*EXTRA-EARLY TELEPHONE, 52 Days. 2½ feet. Combines earliness with the size and quality of the best of the later sorts. The pods are of the same size and quality as the Telephone, and are ready to pick one week after the earliest. ....	.60	4.00	14.00
*THOMAS LAXTON, 55 Days. Pods large, seed wrinkled, sweet, or fine flavor....	.60	4.00	14.00
*LAXTONIAN. Pods nearly as large as Thos. Laxton, and mature about three days later than Nott's Excelsior. Vines 15 to 18 inches. A good yielder and quality first-class .....	.60	4.25	15.00
*MCLEAN'S LITTLE GEM. Grows 1½ feet high—early—fine flavor, very sweet. ....	.60	4.00	14.00
*LITTLE MARVEL. Dwarf early productive .....	.60	4.25	15.00

DWARF SECOND EARLY SORTS

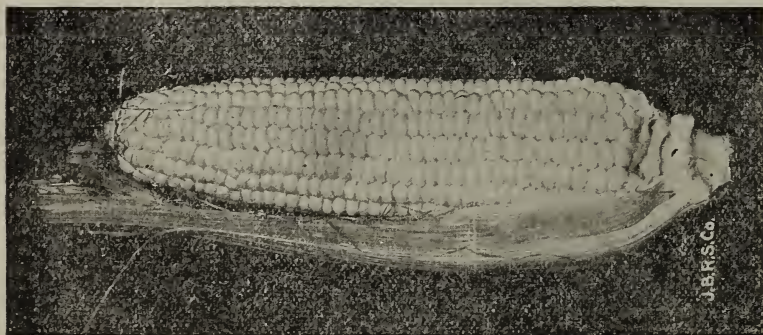
*STRATAGEM. A vigorous, hardy and luxuriant vine bearing large pods containing peas of excellent quality. Vines 20 inches .....	.60	4.25	15.00
*POTLATCH. A variety, growing 15 to 18 inches high, with very large pods. Vines and pods are a rich, dark green, and pods contain 8 to 9 immense peas... ..	.60	4.25	15.00
*DWARF TELEPHONE. Vines 18 to 20 inches bearing pods; broad, straight and about 4 inches long. Pale green in color and well filled with peas of excellent flavor. Ready for picking from 62 to 65 days from planting .....	.60	4.25	15.00

TALL LATE SORTS

*ALDERMAN .....	.60	4.00	14.00
*DUKE OF ALBANY, 70 Days. 3 feet. Pods large and produced in great abundance .....	.60	4.00	14.00
*TELEPHONE, 65 Days. 3½ feet. Pods and Peas are very large and showy; the latter being sweet and rich; very productive.....	.60	4.00	14.00
CHAMPION OF ENGLAND. Very productive and universally admitted to be one of the richest and best flavored of the late peas. Height, 4 to 5 feet.....	.60	4.00	14.00
MAMMOTH-PODDED SUGAR. In this variety the entire pod is cooked, being sweet, tender and stringless, and forming a delicious dish; pods 5 to 6 inches long and 1½ inches wide; plant very tall; crop late .....	.60	4.00	14.00
LARGE BLACKEYE MARROWFAT. An excellent variety, growing about 5 feet high; a very prolific bearer of large pods; one of the very best Marrowfat sorts .....	.50	3.50	12.00

Wrinkled Varieties Marked with (*).

CORN—(Welschkorn, Ger.) SWEET OR TABLE VARIETIES.



Seeds of Sweet or Sugar Corn being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm. For a succession, continue planting every two weeks until the middle of July, in rich, well manured ground, in hills three feet apart each way, covering about half an inch, and thin out to three plants to a hill. The extra early varieties can be planted 18 inches in the row and 2½ feet between the rows.

One quart of seed corn plants 200 to 300 hills; one peck will sow an acre in hills.

EXTRA EARLY SORTS

	Qt.	Pk.	Bu.
EXTRA EARLY ADAMS. Not a Sugar Corn.....	\$.25	\$1.75	\$ 6.00
PREMO. One of the very earliest; ears of good size for such an early variety....	.35	2.25	7.00
PEEP O'DAY SWEET CORN. This variety is claimed the earliest sweet corn....	.35	2.25	7.00
MAMMOTH WHITE CORY. We consider this unquestionably the best early corn. Ears very large for so early a variety. Stalks about 4 feet high .....	.35	2.25	7.00
MAYFLOWER. A newcomer of much importance.....	.35	2.25	7.00
EARLY MINNESOTA. One of the best early sorts for the market and the private garden. Stalks about 6 feet high .....	.35	2.25	7.00
PARKER'S CHALLENGE. A new, early variety, large ear .....	.50	2.75	10.00

CORN—Continued**SWEET, or TABLE VARIETIES****GOLDEN SORTS**

Qt. Pk. Bu.

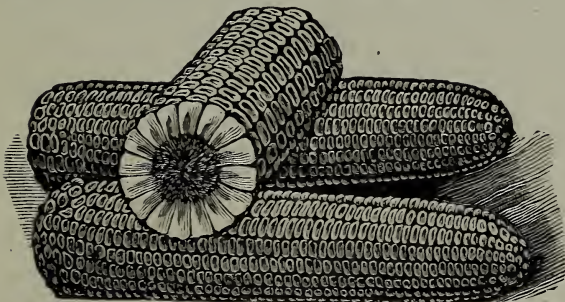
GOLDEN BANTAM. An early sweet corn with golden yellow grain, very tender and of excellent quality .....	.40	2.50	8.00
GOLDEN CREAM. A cross between Country Gentleman and Golden Bantam. Kernels, ear and cob are like Country Gentleman, while the flavor resembles and is equal to that of Golden Bantam. Dwarf in habit; very early and bears from two to four ears to the stalk .....	.40	2.50	8.00
PARKER'S GOLDEN DELICIOUS. Early, very sweet; Golden color. Good sized ear .....	.45	2.50	8.00

SECOND EARLY SORTS

COLUMBUS MARKET .....	.35	2.25	7.00
PERFECTION .....	.35	2.25	7.00
EARLY EVERGREEN. Similar to Evergreen, but earlier. Quantity best .....	.35	2.25	7.00
HOWLING MOB. Larger than Cory and a few days later. Ears of very attractive appearance and finest quality .....	.35	2.25	7.00
EARLY CHAMPION. The earliest large Sweet Corn; produces ears 10 in. long..	.35	2.25	7.00
POCAHONTAS. Probably the earliest Sweet Corn. Quality not the best but as good as any of the extra-early varieties.....	.35	2.25	7.00
KENDEL'S EARLY GIANT. Remarkably large in ear for a second early sort and very popular in some localities. Stalks about 5½ feet high .....	.35	2.25	7.00
EARLY MAMMOTH. The earliest, long slim ear among the desirable sorts .....	.35	2.25	7.00

LATE SORTS

BLACK MEXICAN. A black-grained variety, sweet and tender .....	.35	2.25	7.00
COUNTRY GENTLEMAN. Ears of good size and well filled with deep white grains of delicious quality. Cobs small .....	.35	2.25	7.00
STOWELL'S EVERGREEN. Grown more than any other sort. Ears large, with deep sugary grains; remains fit for use a long time .....	.35	2.25	7.00
WHITE EVERGREEN. Possesses to an intensified degree all the qualities of Stowell's Evergreen, and has in addition the valuable characteristics of being pure white. Grains large, tender and sweet.....	.35	2.25	7.00
LATE MAMMOTH. A rather late variety, but producing the largest ears of any sort with which we are acquainted. It is of excellent quality .....	.35	2.25	7.00
RICE POP CORN. A very handsome and prolific variety	Shelled, 20c lb.		

**FIELD CORN****NORTHERN GROWN EARLY
SEED CORN**

Such varieties of Corn as we list on this page are the purest bred Northern Corn sorts to be found. For their respective sections they represent the heaviest yielding and purest bred type in existence.

It is now universally recognized that the so-called 90-Day or Early Corn grown in Southern localities requires twenty or more

additional days to mature in the North. Farmers plant Seed Corn grown over fifty miles south of their latitude at a great risk of a soft crop.

REID'S YELLOW DENT. Long considered one of the best Yellow Dent varieties for grain and fodder. Medium early and sure to ripenPrice on Application.

WHITE CAP YELLOW DENT. Has never failed to ripen. Ears large, with deep kernels. Yellow, with a white tip to each kernel " | " | " |

GIANT WHITE ENSILAGE. Largest White Ensilage ever sold in this section " | " | " |

ST. CHARLES. White Cob Ensilage " | " | " |

ST. CHARLES. Red Cob Ensilage " | " | " |

CORN SALAD

Eight Ounces of Seed to 100 Yards of Row.

BROAD-LEAVED (Large Seeded). Used as a small salad throughout the winter and spring. Sow thickly in Drills, cover slightly first of autumn, and sprinkle with straw on the approach of severe weather Height, 4 inches\$.15 \$.50 \$1.50

BEETS—Runkelrueben Ger.—(For Table.)



Sow as early in the spring as ground can be worked, and for succession, every two weeks after up to the first of July, in drills twelve to fourteen inches apart, and when well up thin to from four to six inches.

One ounce will sow 50 feet of drill; 5 to 6 pounds are required for an acre. oz. ¼ lb lb.

PARKER'S WONDER. A new Early Beet, globe shaped, dark red, grows large and of fine quality .....	.10	.35	1.00
EARLY MODEL. A splendid Beet of perfect globe-shaped; ripens very early; deep blood-red in color .....	.10	.35	1.00
ECLIPSE. Roots globe-shaped, deep red, with sweet, fine-grained flesh, fair quality .....	.10	.35	1.00
EARLY EGYPTIAN. The well-known early variety. Color, extra dark, shape flat, quality excellent .....	.10	.35	1.00
CROSBY'S IMPROVED. An improved Egyptian; its roots are thicker, smoother and of better shape .....	.10	.35	1.00
EDMAND'S BLOOD TURNIP. The best sort for general crop. In quality one of the finest, exceedingly dark, shape globular, having only one tap root. Very popular with market men .....	.10	.35	1.00
DETROIT DARK RED. A medium early globe-shaped beet of excellent quality. It is especially esteemed on account of its dark-red color which extends entirely through the beet, and without the light-colored rings seen in some varieties. The beets are smooth and handsome .....	.10	.35	1.00
CRIMSON GLOBE. Handsome in shape, a little deeper than round, with a smooth surface and small tap root. Flesh deep crimson, ringed and zoned. Not only desirable for bunching for early use, but it is good for main crop, as it keeps well until spring	\$.10	\$.35	\$ 1.00
SWISS CHARD, or SEA KALE BEET. It is superior to the common beet for greens; the plants form broad, wax-like stems to the leaves, which are very delicious cooked or pickled. They have a flavor similar to spinach .....	.10	.35	1.00

FIELD BEETS FOR STOCK-FEEDING

Grown for stock-feeding, they form very wholesome and nutritious food. Of special value for feeding to cows, as they greatly increase the flow of milk. The seed should be dropped about 2 inches apart, in drills 2 feet apart, and the plants thinned so that there will be 12 to 16 inches between them. From five to eight pounds of seed are required to sow an acre. oz. ¼ lb lb.

GIANT LONG RED MANGEL. Heavy cropper; roots long and thick	\$.10	\$.20	\$.75
GOLDEN TANKARD. Has large roots; flesh bright and yellow .....	.10	.20	.75
GIANT IMPERIAL SUGAR. Rich in sugar and more nutritious than others .....	.10	.20	.75

CHICORY

LARGE ROOTED, or COFFEE. Sow the seed as early in the spring as the ground can be prepared, in drills two to two and one-half feet apart. When the plants are sufficiently large, thin to six inches apart in the row. Cultivate well in the fall, dig the roots, slice them and dry	Pkt.	oz.	¼ lb.
	\$.10	\$.40	\$ 1.50

CABBAGE (Kopfkohl, Ger.)

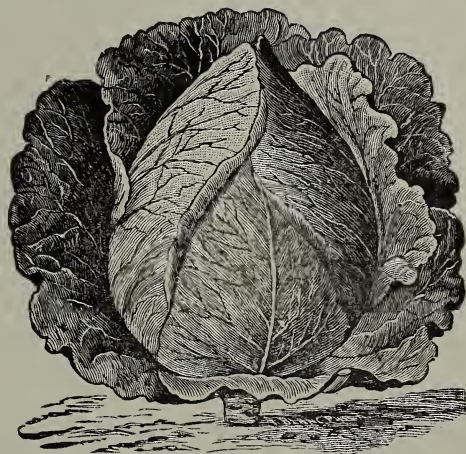
Our Cabbage Seed is grown under the care of practical, painstaking and reliable men; in localities where experience and thorough tests have proved the climate and soil to be the best adapted to their production in highest perfection; from fully developed, perfect heads, carefully cured and stored until time of planting; thoroughly tested as to vitality, our seeds can but give satisfaction, and we unhesitatingly recommend it for the use of either market or private gardener.

All that Cabbage requires is the soil to be rich, deep, well drained and abundantly manured. For the early kinds, plant 30 inches between the rows and 16 inches between the plants. For the late kinds, three feet between the rows and two feet between the plants. For very early use, sow in January or February, in hotbeds. Set out when the plants are strong enough into other hotbeds, or set in cold-frames in March. Transplant when danger from frost is past to the open ground. For a succession, sow in the open ground last of March or early in April. The late or winter crop seed can be sown in May and the plants set out in July.

An ounce of seed produces 1,500 Plants; one-half pound to transplant for an acre.



CABBAGE, COPENHAGEN MARKET



CABBAGE, EARLY JERSEY WAKEFIELD

	oz.	¼ lb	lb.
EXTRA-EARLY JERSEY WAKEFIELD. Best early variety. Heads of medium size, pyramidal, pointed, firm and solid	\$.25	\$.75	\$ 2.25
LARGE WAKEFIELD, or CHARLESTON. A selection from the preceding, and ten days later, with heads twice as large .....	.25	.75	2.25
EARLY WINNINGSTADT. Conical heads; one of the best early Cabbages .....	.25	.75	2.25
ENKHUIZEN GLORY. Combines earliness, size and quality. Produces large, solid, ball-shaped heads, with few outside leaves .....	.30	.90	3.00
COPENHAGEN MARKET. This is very heavy and solid, like the "Ballhead" type of cabbage; makes a fine, large, globe-shaped head with well-developed outside leaves, but is very much earlier in maturing than any of the Danish Cabbages, in fact as early as Early Jersey Wakefield, and will give a much heavier yield per acre than that variety. ....	.30	.90	3.00
EARLY SUMMER. Heads large, solid, roundish flat; stand a long while after maturity without bursting .....	.25	.75	2.25
MAMMOTH ROCK RED. The largest heading of any red sort. Heads are hard, of deep red color, quality excellent .....	.30	.90	3.00
SUREHEAD. The heads are of Flat Dutch type, uniform in shape and size, solid and heavy .....	.25	.75	2.25
PREMIUM FLAT DUTCH. This variety of late Cabbage is a standard in all sections for winter use. It makes a large, solid head which keeps long without bursting .....	.25	.75	2.25
DANISH BALL HEAD (Short Stem). The seed we offer is grown on Amagar Island, Denmark, and is not only genuine, but also of the highest standard of quality .....	.30	.90	3.00
LARGE LATE DRUM HEAD. Heads round and solid .....	.25	.75	2.25
SUCCESSION. About two weeks later than early summer; heads are large and slightly flatter .....	.25	.75	2.25
GREEN CURLED SAVOY. A very early sort .....	.25	.75	2.25
DRUMHEAD SAVOY. Best of the early sorts. Round head, large and solid. Quality excellent .....	.25	.75	2.25
CHINESE IMPROVED, or PE-TSAI. Resembles when well grown Cos Lettuce rather than Cabbage. It is often called Celery Cabbage on the market. Sow in this latitude after July 1st. Early planting of Pe-Tsai run quickly to seed in hot weather .....	.25	.75	2.25

CAULIFLOWER

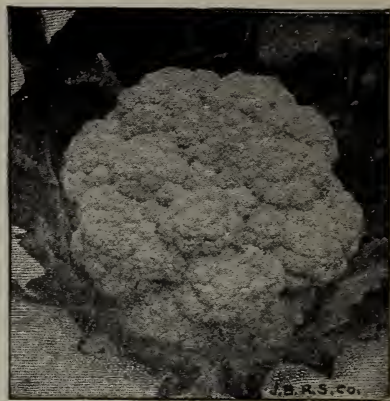
How to Grow Fine Cauliflower. Culture for Cauliflower and Cabbage is essentially the same, but to the former extra care given in applying fertilizers and moisture well repays the gardener. Sow the seeds for early and late crops as directed for Cabbage, but do not set the early plants in the open field too soon, for if too much stunted by severe frosts, they begin to form heads before they are strong enough to develop them well. Plants which have not headed before winter sets in may be stored in a cool cellar or cold-frame, and will form heads without further attention. An ounce of seed will produce about 1,500 plants.

PEDIGREED DANISH SEED.

PARKER'S EX. EARLY SNOWBALL. Pkt. $\frac{1}{4}$ oz. 1 oz. $\frac{1}{4}$ lb.
 .30 \$.85 \$2.50 \$ 9.00

EARLY SNOWBALL. Produces large, handsome heads, measuring 8 to 10 inches across; pure snowy white; close, compact and of the finest quality. The stalks are short. .25 .75 2.25 8.00

DANISH GIANT, or DRY WEATHER. Similar to Snowball in size, quality, but matures about one week later and is a better drought and heat resister .15 .50 1.25 4.00



CELERY

CULTURE—Celery can be grown in any garden soil, but the finest is produced in deep, mellow, bottom land. Seed for early crops should be sown in hot beds about March 15. The plants may be either thinned to give them room to grow, or transplanted to another bed to grow until it is time to plant them in the open ground. For the main crop, seed should be sown in the open air as soon as the soil and the air are warm enough. They should be covered lightly, or merely pressed into the earth with a board, if the soil is fine and mellow. The seed bed should be kept free from weeds, and well watered in dry weather. When the plants are large enough transplant them to shallow trenches or furrows, 4 to 6 feet apart, according to the variety grown, setting the plants 6 inches apart in the rows and pressing the soil firmly around them. Blanching consists of drawing earth up to the stalks at intervals of about two weeks, until all but the tops of the plants are covered. An ounce of seed will produce about 2,000 plants.



DWARF GOLDEN HEART

A distinct, rare and decidedly ornamental type; when blanched, being an exquisite golden yellow. \$.15 \$.40 \$1.50

MAGNIFICENT .15 .40 1.50

GOLDEN SELF BLANCHING. The best self-blanching sort. It acquires a handsome golden color without having to be hilled up .35 1.25 4.00

WHITE PLUME. A good self-blanching sort, good for all fall use. .15 .50 1.75

GIANT PASCAL. This is the best keeper of all the late sorts; very solid and crisp. This variety is unsurpassed for market garden .15 .50 1.75

LARGE SMOOTH PRAGUE. Has a large smooth root, and is the finest of all celery .15 .40 1.50

WINTER QUEEN. Of medium height and strong, robust growth; stalks thick and heavy, with numerous hearts; perfectly solid, fine winter keeper .15 .50 1.75

CARROTS (Moehren, Ger.)**FOR MARKET OR HOME GARDEN**

This is a vegetable deserving to be more generally cultivated, both for use upon the table and for stock feeding purposes. There is no more healthful root crop.

For early, sow in spring as soon as ground can be worked, in drills 15 inches apart, covering one-half inch. For the main crop, sow from the middle of May to the first of July. Thin out in row from 5 to 6 inches apart. Hoe often and deeply between the rows. Light, sandy loam, richly manured, is the best soil.

One Ounce Will Sow About 125 Feet of Drill.



EARLY SCARLET HORN. For early crops. Roots are about 3 inches long and of very good quality	oz.	¼ lb	lb.
.....	\$.10	\$.30	\$.75
EXTRA EARLY FRENCH FORCING, 40 Days. We recommend this first early variety to Market Gardeners as admirably adapted for forcing under grass .....	.15	.35	.85
IMPROVED LONG ORANGE. Extensively grown; good and heavy in yield .....	.10	.30	.75
DANVER'S HALF-LONG. The roots are smooth, thick and intermediate between Short Horn and Long Orange in form .....	.10	.30	.75
ST. VALERY INTERMEDIATE. Thick-shouldered, intermediate in length between the Half-Long and Long Orange varieties. Flesh rich orange color and of finest quality .....	.10	.30	.75
CHANTENAY. Handsome roots, broad-shouldered, smooth and more uniform than the Danvers; of superior flavor .....	.10	.30	.75
GUERANDE, or OX HEART. This is a desirable variety for soil so hard and stiff that longer growing sorts would not thrive in....	.10	.30	.75
HALF-LONG LUC. A very symmetrical, half-long, stump-rooted variety. Early, very productive, of fine quality .....	.10	.30	.75
NEW YORK MARKET. A fine early variety, good for home use. Eastern market gardeners use this sort for bunching .....	.10	.35	.85
LARGE WHITE BELGIAN. A very productive, white-fleshed variety for stock feeding .....	.10	.30	.75

CUCUMBERS (Gurke, Ger.)

Cucumbers succeed best in warm, moist, rich, loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well-rotted manure. Sprinkle the vines liberally with **Bug Death** to protect from bugs, and when all danger from insects is past, thin out the plants, leaving three to four of the strongest to each hill.

One Ounce of Seed Will Plant About 50 Hills; Two Pounds Will Plant an Acre.



KLONDIKE. A selected strain of White Spine. Fruits green, medium thick; holds its color well	oz.	¼ lb	lb.
.....	\$.10	\$.35	\$ 1.00
IMPROVED WHITE SPINE. Medium size, straight, always fine yellow; light green .....	.10	.35	1.00
EARLY FORTUNE. A fine new variety of White Spine type; the fruit is of uniform size and shape and is of very firm texture, thus permitting long distance shipping. The skin is dark green .....	.10	.35	1.00
JERSEY PICKLE. Sixty days to make pickles. It is productive and is said to "green" better than any other variety .....	.10	.35	1.00
BOSTON PICKLING .....	.10	.35	1.00
IMPROVED LONG GREEN. Vines very vigorous and productive. The fruits are very long; largely used for pickles .....	.10	.35	1.00
DAVIS PERFECT. Fine length, slimness, beautiful dark green color, transparent-like flesh, with deliciously cool, refreshing flavor, and crisp..	.10	.35	1.00
EARLY RUSSIAN. Maturing to slicing size for table in seven to eight weeks from germination; dark green, and desirable.....	.10	.35	1.00

CHERVIL

A hardy annual, worthy of more general use for flavoring and garnishing. Sow in early spring in rich, well prepared soil, and when plants are well established, transplant to about one foot apart.

CURLED. Greatly superior to the old, plain variety, being earlier, more hand- Pkt. oz. ¼ lb.
some, and having fully as fine perfume and flavor \$.05 \$.15 \$.50

CRESS (Krese)

Excellent spicy spring salads. Pepper grass should be sown thickly in shallow drills in early spring and at intervals for continued supply, as it soon runs to seed.

EXTRA CURLED, or PEPPER GRASS. Of pleasant, pungent flavor; the leaves Pkt. oz. ¼ lb.
can be cut several times \$.05 \$.20 \$.50

WATER CRESS. Small, oval leaves; very tender, crisp and pleasantly spicy when young. Plants of prostrate habit. A perennial aquatic, which grows well in any running stream10 .35 1.25

SWEET AND MEDICINAL HERBS

DILL. Leaves are used in pickles and for flavoring soups and sauces \$.05 \$.20 \$.50

MARJORAM (Sweet). The leaves and the end of the shoots are used for flavor- ing in summer and they are also dried for winter use05 .25 .75

SAGE. Leaves and tops are used for seasoning and stuffing05 .40 1.50

THYME. Used for seasoning; a tea is also mad for nervous headache05 .60 2.00

SUMMER SAVORY. The leaves and young shoots are used for flavoring..... .05 .40 1.50

DANDELION THICK-LEAVED. An early spring salad10 .75 2.25

HORSE RADISH. This is grown from pieces of roots. Plant in spring, small end down

ENDIVE (Endive, Ger.)

For the first crop, sow in May, and for succession, in June and July. When the plants are two or three inches high, transplant them into light soil, one foot apart. When the leaves are eight to ten inches long, tie the tops together to blanch the heart and remove the bitter taste. Lift late in fall with ball of earth attached and place close together in a frame or cellar. **It makes a delicious salad for winter use. One ounce will sow 150 feet of drill.**

GREEN MOSS CURLED. A unique variety, somewhat resembling a tuft of moss. oz. ¼ lb lb.
Very crisp, tender, and of good flavor. Being less hardy than other sorts, it requires protection from cold \$.15 \$.40 \$1.00

MOSS CURLED. This variety has very finely curled leaves. Tender and excel-
lent quality15 .40 1.00

WHITE CURLED. Has tender, curly leaves of silvery green15 .40 1.00

BROAD-LEAVED BATAVIAN. Has slightly wrinkled thick leaves. It is usually
grown for use in soups and stews15 .40 1.00

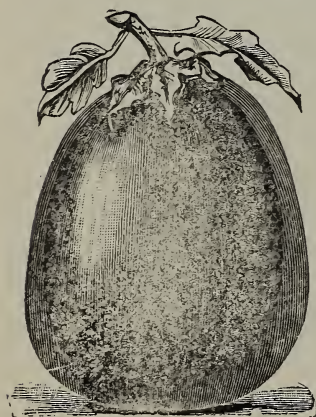
EGG PLANT (Eierpilanze, Ger.)

Sow in hotbed early in spring; transplant 2½ feet apart each way after weather becomes settled and warm. If no hotbed is at hand, plants may be started in pots or boxes.

One Ounce for 1,000 Plants.

NEW YORK IMPROVED PURPLE. This variety is a general favorite both for market and private use. Plants large, spreading, foliage light green; fruit very large, oval; color a splendid dark purple. Plants usually ripen four to eight large fruits oz. ¼ lb lb.
\$.50 \$1.50 \$5.00

BLACK BEAUTY. Fruit broad and thick; lus-
trous purplish black color; very productive of excellent quality \$.50 \$1.50 \$5.00



KALE or BORECOLE

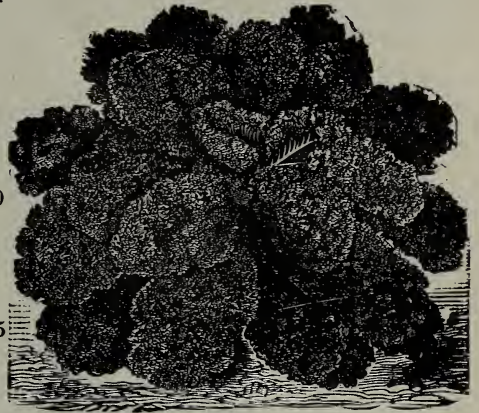
Greens for early fall, winter and spring. Sow seed about middle of June, later transplant to rows 2 to 2½ feet apart. Dwarf sort can be sown later. Much used by German Americans.

An Ounce of seed will sow about 200 feet of drill.

DWARF GERMAN GREENS (Siberian Kale). Generally sown broadcast, oz. ¼ lb. lb.
but can be sown in drills a foot
apart in August\$.15 \$.50 \$1.50

TALL CURLED GREEN SCOTCH. Unusually hardy, growing 2 feet or more in height, with recurved, spreading, deep green, curly leaves. .15 .60 1.75

DWARF CURLED GREEN SCOTCH. Seldom exceeds 18 inches in height, but rounds out to a diameter of 3 feet. The leaves are bright green, tender and elegantly curled15 .60 1.75



KALE

KOHLRABI (Kohlrabi, Ger.; Chou-rave, Fr.)

TURNIP-ROOTED CABBAGE

For early use, sow in hotbed, afterwards setting plants 8 inches apart in rows. For later use, sow in drills and thin out. One ounce of seed will sow a drill of about 200 feet.

EARLY WHITE VIENNA. Early, small, white bulb. Best for table use oz. ¼ lb. lb.
.....\$.20 \$.65 \$2.00

EARLY PURPLE VIENNA. A little later than the white; color purple25 .75 2.25

LARGE GREEN, or WHITE GOLIATH. A late, very large-growing sort with immense bulbs, stems and leaves\$.20 \$.65 \$2.00



LEEK S (Lauch)



Leek

Used for seasoning soups and boiling with meats. The seed should be sown in hotbeds in early spring, and the seedlings transplanted later to the open ground, 8 inches apart, in rows from 12 to 15 inches apart. For a winter supply, sow seed in the open ground in early spring, and thin the seedlings until they have room for development, or transplant them as above. Store like celery for winter.

An ounce of seed will sow about 100 feet of drill.

AMERICAN FLAG. The variety most extensively cultivated. Stalks early and large oz. ¼ lb. lb.
.....\$.15 \$.50 \$1.75

LETTUCE (Lattich oder Garten Salat, Ger.)

One Ounce Will Sow 150 Feet of Drill.

CULTURE—Sow in hotbeds February or March, and transplant in April. Seed may also be sown in September and wintered in the same manner as Cauliflower. For successive crops, sowing may be made in the open ground as early as the spring opens and continuing until July. Always thin out well or the plant will not be strong.

When wanted as a cut salad, sow the seed thickly in row or broadcast.



Prize Head.

CURLED VARIETIES

	oz.	$\frac{1}{4}$ lb.	lb.
WHITE-SEEDED SIMPSON. Tender and crisp. Close center	\$.10	\$.35	\$1.00
BLACK-SEEDED SIMPSON. Grows very rapidly, withstanding heat and drought well, and forming large, bushy stalks.....	.10	.35	1.00
GRAND RAPIDS. Superb for forcing. Leaves light green, much crimped and frilled .....	.10	.35	1.00
EARLY CURLED SILESIA. A very tender sort, with fine curled leaves .....	.10	.35	1.00
PARKER'S GOLDEN CURLED. A golden-leaved sort, producing a half head of rare excellence; leaves much fluted on the edges; very showy and a most admirable cutting sort .....	.20	.75	2.00
BROWN CURLED, or CHARTIER. Grown under glass the leaves are a soft greenish white; but grown in the open air they take on a bronze cast, still remaining crisp and tender .....	.20	.75	2.00
ROMAINE, or COS. Considered by many to be the highest type of lettuce; has distinct upright habit; very crisp and sweet.....	.10	.35	1.00

HEADING VARIETIES

ICEBERG. Crisp, solid head .....	.10	.35	1.00
PRIZE HEAD. The leaves are very large, crimped, bright green tinged with brownish red and are exceedingly tender, crisp and sweet, forming a large loose head .....	.10	.35	1.00
PARKER'S SUPERIOR. Outer leaves, a beautiful medium green; inner leaves form a large, very solid head, of a rich light yellow color, very thick, tender, and buttery .....	.20	.75	2.00
HANSON. Heads large, hearts quickly and stands the summer well; quality excellent .....	.10	.35	1.00
BIG BOSTON. The solidity and large size of the heads make this of great value for forcing and general crops .....	.10	.35	1.00
MAY KING. A new variety, fine for forcing and out-doors; heads of medium size yellowish-green in color; very early .....	.10	.35	1.00
EARLY TENNIS BALL, BLACK SEED. A good lettuce for early use. The heads are small, but are very crisp and solid.....	.10	.35	1.00
MAMMOTH SALAMANDER. Immense heads; withstands heat to an unusual degree .....	.10	.35	1.00
ROYAL SUMMER CABBAGE. Glossy, deep green leaves, the outer ones slightly spotted or splashed with brown. The inner leaves form a large, very solid head, rich light yellow in color, very thick, tender and buttery .....	.10	.35	1.00
MAMMOTH BLACK SEEDED BUTTER. Solid Butter Head .....	.10	.35	1.00

MUSKMELON (Cantaloup, Ger.)



Prepare hills 4 to 6 feet apart in a rich, moderately dry sandy soil, thoroughly mixing therewith well-rotted manure. Early in May, or when ground has become warm, plant 10 to 12 seeds one inch deep in each hill, afterwards thinning out so that 3 or 4 plants remain. Pinch the vines when blossoming begins to promote fruitfulness, and cultivate till the vines cover the ground.

One ounce of seed for 60 hills; 2 to 3 pounds per acre in hills.

NETTED GEM. The best early melon known. Shipped to every market of note, in great quantities, every year. Medium size, but of excellent flavor \$.10 \$.35 \$ 1.00

ROCKYFORD. Oval-shaped; small and uniform; thick-meated; flesh light green in color and of uniformly fine luscious flavor; skin ribbed and thickly netted; prolific10 .35 1.00

TIP-TOP. Yellow-fleshed, sweet, juicy and of finest flavor10 .35 1.00

EXTRA-EARLY HACKENSACK. Of good size, weighing from 5 to 10 pounds each10 .35 1.00

HACKENSACK, or TURK'S CAP. Very large, green-fleshed melon. Vines hardy, vigorous and productive. Fruits nearly round, usually somewhat flattened; ribs large10 .35 1.00

MONTREAL MARKET. Large, green-fleshed Nutmeg variety, of very fine quality. Fine market sort10 .35 1.00

EXTRA EARLY CITRON. A small, round melon, valuable on account of its extreme earliness, hardness and great productiveness10 .35 1.00

OSAGE. Fresh thick; seed-cavity small; flesh rich salmon, fine-grained, sugary and melting10 .35 1.00

WATERMELONS (Wassermelonen, Ger.)

Secure good, strong vines early in the season by making the hills large, mellow and well drained, with the manure placed so that they will not dry out quickly under hot suns. All possible protection should be given the young plants, and, as a protection from insects, use dry ashes or coal-dust sprinkled over the leaves. Plant the seeds thickly, and thin the plants to four of the strongest in each hill.

An ounce of seed will plant about 50 hills.

KLECKLEY SWEETS. There is no Melon superior in quality to Kleckley Sweets, the bright scarlet flesh is the ideal Watermelon quality \$.10 \$.25 \$.75

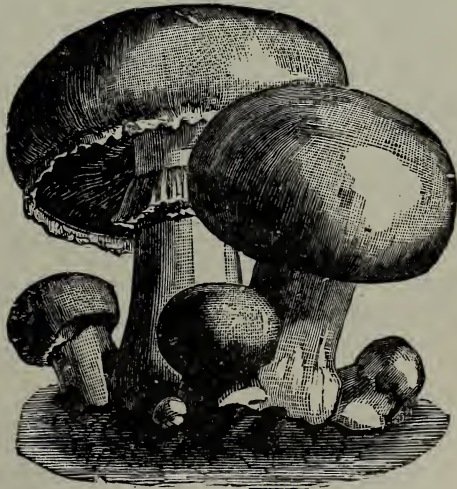
KOLBS GEM. Striped oblong; flesh, deep scarlet; quality of the best10 .25 .75

ICING, DARK. A very solid dark colored shipping sort10 .25 .75

CITRON (For Preserves). Used only for preserves or pickles. Color, dark green; flesh white and solid but not at all suitable for eating raw10 .25 .75

MUSHROOM SPAWN

CULTURE—Mushrooms may be grown in cellars, under benches or greenhouses, or sheds, wherever the temperature of 50 degrees can be kept up during the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted, and it requires two months for them to begin bearing. Secure fresh horse manure, free from straw and litter, and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating, until the pile is large enough to make a bed the required size. Three or four feet wide, 8 inches deep and any length desired, are the proper proportions for a bed; but these may be varied. Prepare the mixture of loam and manure, making the bed in layers, and pounding each with the back of the spade. Leave this to heat through for a few days and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn 2 or 3 inches in diameter; fill up the holes with compost, and at the expiration of a week or ten days, the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to a depth of 2 inches, and cover with 3 or 4 inches of hay or straw litter. Examine the bed often to see that it does not get dry. Take special care however when water is given that it be at a temperature of 100 degrees.



STANDARD BRICKS Per brick, 25 cts.

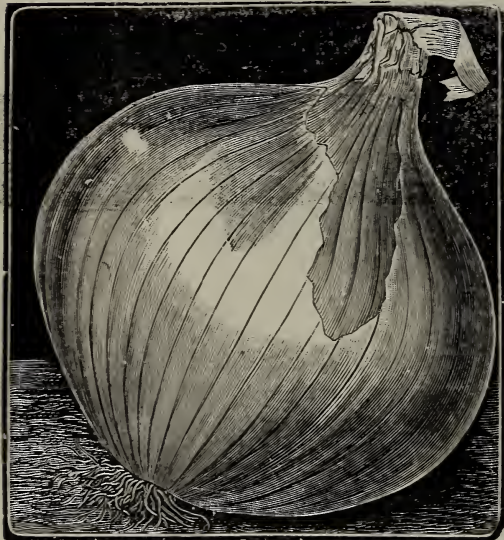
MUSTARD

CULTURE—Mustard is not only used as a condiment, but the green leaves are used as a salad or cut and boiled like Spinach. Sow as early in the spring as the ground will permit, in drills about 18 inches apart, covering one-half inch deep. For succession, sow every few weeks till autumn. Water freely. In the South the seed may be sown in autumn and the plants used early in the spring as a salad and for greens.

WHITE ENGLISH. Leaves, when young, are mild and tender. Seed light yellow and larger than that of other varieties.....	oz.	¼ lb.	lb.
SOUTHERN GIANT CURLED. The true curled leaf variety, sweet flavor, pungent and succulent; used for early salads	\$0.10	\$0.25	\$0.75
BROAD LEAF. An excellent sort with very large light green, plain or comparatively smooth leaves, borne well above the ground .....	.10	.25	.75

ONION SEED AND ONION SETS (Zwiebel, Ger.)

GOOD ONION SEED IS OF THE GREATEST IMPORTANCE



The Onion is most successfully grown in a rich, sandy loam; continued cultivation upon the same plot of ground, contrary to the general rule, rather improves the crop than otherwise.
As early as the ground can be worked in the spring, sow the seed in drills 14 inches apart, covering half an inch. When the plants first appear in the rows, commence hoeing, just skimming the surface. Subsequently, weed thoroughly and carefully by hand. When the tops die, pull the onions and spread evenly over the ground; stir or turn until thoroughly dried, then cut the tops off one-half inch from the bulb. Winter in a frost-proof place.

One ounce for 200 feet of drill; 4 to 5 pounds for an acre.

PRIZETAKER. Very large, mild-flavored onion, sometimes called "Mammoth Spanish." Attains its largest size when started in hotbeds and transplanted. It is quite globular in form with a light yellow skin, and in quality almost equal to the imported onions. A favorite variety to grow for exhibition purposes....

WHITE PORTUGAL, or SILVERSKIN. Largely grown for sets. Bulbs large, with silvery white skin and sweet, tender, white flesh. Are mild flavored and excellent for family use and for pickling.....	oz.	¼ lb.	lb.
SOUTHPORT WHITE GLOBE. A large, showy, globular white Onion. The bulb grows quite rapidly, and if the seed is sown early good-sized bulbs, suitable for using in a green state, are soon formed. They are mild-flavored and keep well	\$.25	\$.75	\$2.50
RED WETHERSFIELD. Bulbs deep purplish red flat, strong-flavored and grow to a large size .....	.30	1.00	3.00
EXTRA-EARLY RED FLAT. An extra-early Onion. An abundant yielder, good keeper and of mild flavor .....	.30	1.00	3.00
YELLOW GLOBE DANVERS. One of the most extensively used yellow Onions. Bulbs of medium size, uniformly globe-shaped, with small neck, and ripen very evenly. Fresh white, crisp and mild.....	.20	.70	2.25
FLAT YELLOW DANVERS. Grows to good size, ripens early; mild in flavor and keeps well .....	.20	.70	2.25
SOUTHPORT YELLOW GLOBE. Similar to White Globe, save that the large Onions are light straw-color .....	.20	.70	2.25
YELLOW DUTCH, or STRASBURG. Large; yellow, mild flavor. One of the best keepers .....	.20	.70	2.25

ONION SETS

WHITE BOTTOMS. Our sets of these are very choice, small, dry and unsprouted Price on Application
YELLOW BOTTOMS. Fine dry sets, medium in size and unsprouted " " "

OKRA

The tender young pods are used for seasoning soups and stews. Sow thickly in rich soil about the middle of May, in drills 3 feet apart, and cover the seeds an inch deep. An ounce will plant 100 hills.

LONG-POD. Productive; pods very long and slender; deep green	Pkt.	oz.	¼ lb.
	\$.05	\$.10	\$.25

PARSLEY (Pertersilie, Ger.)

One ounce will Sow about 150 ft. of drill.

Soak the seeds a few hours in lukewarm water and sow early in spring, in drills one foot apart. Thin out the plants to four inches. To preserve in winter, transplant to a light cellar or glass frame. Used for garnishing and seasoning soups, meats, etc.



	oz.	¼ lb.	lb.
PLAIN LEAVED. Best for flavoring; very hardy.....	\$0.10	\$0.25	\$.75
DOUBLE CURLED. The standard sort for outdoor culture; also highly prized by market gardeners for the greenhouse.....	.10	.25	.75
HAMBURG ROOTED. The standard rooted sort. The leaves are used for soup, greens, and the roots when sliced, are much esteemed .....	.10	.35	1.00

PEPPER (Pfeffer, Ger.)

Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for the purpose, and for pickling. The mild, sweet varieties, like **Bull Nose** and **Ruby King**, are used for mangoes, while the small fruited sorts are best for sauce.

Peppers are more tender than most vegetables. The seed should be sown in a hotbed, cold-frame, or if no other convenience, a box in the window, and transplanted about the last of May. They can be sown in the open ground when the weather becomes warm and settled. Warm, mellow soil, well fertilized, should be used.

One ounce of seed for 1,500 plants.

	oz.	¼ lb.	lb.
LARGE BELL, or BULL NOSE. Widely grown, standard old variety, with very large, thick pods .....	.50	1.75	6.00
CHINESE GIANT. Of enormous size, early and very productive; fruit bright scarlet and of thick, blocky form; flesh thick and extremely mild .....	.65	2.25	8.00
SWEET MOUNTAIN. Enormous mild-flavored pods, used for mango-making and mixing with salads.....	.50	1.75	6.00
RUBY KING. A large red variety, resembling Bul Nose .....	.50	1.75	6.00
ROYAL KING. Similar to Ruby King except much thicker fleshed .....	.50	1.75	6.00
PERFECTION. An improved Pimento .....	.50	1.75	6.00
RUBY GIANT. Similar to Ruby King, but smaller .....	.50	1.75	6.00
LONG RED CAYENNE. Pods long, slender, bright red, very hot.....	.50	1.75	6.00
RED CHILI. A late variety. Pods bright, rich red, about 2 inches long, exceedingly pungent when ripe .....	.50	1.75	6.00
DWARF EARLY RED SQUASH. Thick-fleshed; mild flavor .....	.50	1.75	6.00

**Bull Nose Pepper**

RUBY KING. A large red variety, resembling Bul Nose

ROYAL KING. Similar to Ruby King except much thicker fleshed

PERFECTION. An improved Pimento

RUBY GIANT. Similar to Ruby King, but smaller

LONG RED CAYENNE. Pods long, slender, bright red, very hot.....

RED CHILI. A late variety. Pods bright, rich red, about 2 inches long, exceedingly

DWARF EARLY RED SQUASH. Thick-fleshed; mild flavor

PARSNIPS

CULTURE—Sow the seed in drills 15 inches apart, as early as possible in the spring, and thin the plants until they are 5 or 6 inches apart in the rows. The roots are much improved by frost; to be dug up as required. On the approach of cold weather, cover them heavily with manure or litter.

An ounce of seed will sow 100 feet of drill;

5 pounds will sow an acre.

	oz.	¼ lb.	lb.
IMPROVED HOLLOW CROWN. Tender and sweet; always good and in demand	\$0.10	\$0.30	\$0.75
WHITE LISBON. An excellent strain of the Hollow Crown. Of good shape, smooth and white-skinned; of excellent quality .....	.10	.30	.75

Salsify, or Oyster Plant

Though not as generally grown as it should be this is, when cooked, a really delicious vegetable, surpassing in richness of flavor both Carrots and Parsnips. It acquires a decided oyster flavor after a good frosting.

MAMMOTH SANDWICH ISLAND.

This variety is much more uniform in growth than the old standard "Long White Variety"; it is twice the size and weight; the roots are of superior quality and most delicate flavor, especially after being touched with frost

oz. ¼ lb. lb.

\$.20 \$.75 \$2.50



PUMPKIN (Kuebbis, Ger.)



Sweet or Sugar Pumpkin.

The seeds are planted with corn/or potatoes, but may be profitably raised in fields by themselves. Sow early in May in hills eight feet apart. For monster pumpkins for exhibition purposes plant **Mammoth King** in very rich ground and feed liberally with liquid manure.

Plant 1 oz. to 25 hills, 4 pounds to the acre alone, or 2 pounds with corn.

SWEET POTATO. Medium sized, pear-shaped; good for pies, etc. r'lesh creamy white	oz.	¼ lb.	lb.
	\$0.10	\$.35	\$1.25
SMALL SUGAR. An excellent variety for pies. Nearly round, 10 to 12 inches in diameter; rich orange color. Flesh thick, fine grained, and very sweet .....	.10	.25	.75
CUSHAW, GREEN STRIPED. Large crookneck Pumpkin. Cream colored, striped with green. Very popular ...	.10	.35	1.25
LARGE CHEESE. A large buff-colored variety of distinct shape, used extensively for canning .....	.10	.25	.75
KING OF MAMMOTHS, or YELLOW MONSTER, 110 Days. A yellow sort, weight 100 to 150 pounds. Very popular for exhibition purposes .....	.15	.50	1.50
CONNECTICUT FIELD. The common field .....	.10	.30	.90

RADISH (Rettig, Ger.)

For an early supply, sow in a hotbed in February, care being taken to give abundant ventilation to prevent running to leaves. For open air culture and succession, sow from middle of March until September at intervals of a week or ten days. The growth must be rapid to insure crispness, succulence, and mildness of flavor. A fine, dry, sandy loam, enriched and made light with well-rotted manure is best adapted for the purpose, all heavy soils producing directly the opposite results from those desired.

One Ounce to 75 feet of drill; 9 or 10 pounds per acre.

GLOBE AND TURNIP-SHAPE VARIETIES

CRIMSON GIANT FORCING. Attains more than double size of the other forcing Radishes without getting pithy. Flesh firm and crisp; mildest flavor.....	oz.	¼ lb.	lb.
	\$0.10	\$0.35	\$1.00
EARLY SCARLET TURNIP. An old, well-known variety; bright scarlet, solid white flesh, excellent eating .....	.10	.35	1.00
NON PLUS ULTRA, or FIREBALL. The earliest forcing Radish in cultivation. A pretty little round Radish; deep rich scarlet in color; tops very small .....	.10	.35	1.00
SCARLET GLOBE. This splendid globe Radish is the very finest early strain of the round, bright red Radishes .....	.10	.35	1.00
WHITE TIPPED SCARLET TURNIP. This Radish is turnip-shaped, bright scarlet color, with a white tip; very handsome .....	.10	.35	1.00
WHITE BOX. Turnip-shaped, pure white Radish; early; fine for forcing and outdoors .....	.10	.35	1.00
FRENCH BREAKFAST. Olive-shaped; red tipped with white; very handsome..	.10	.35	1.00
GOLDEN GLOBE. Amber-color; sweet and crisp; stands heat and drought .....	.10	.35	1.00



HALF LONG AND LONG VARIETIES

ICICLE. The finest long white variety extant; flesh semi-transparent, crisp, mild, excellent for forcing and early outdoor crop.	oz.	¼ lb.	lb.
	.10	.35	1.00
WHITE CHARTIERS. Snow-white; crisp and of rapid growth .....	.10	.35	1.00
LONG WHITE VIENNA, or LADY FINGER. A very excellent white variety with long, very smooth white roots .....	.10	.35	1.00
WHITE STRASBURG. Half-long and thick; skin and flesh pure white .....	.10	.35	1.00
GIANT STUTTGART. Very large; globular in shape; pure white; stands heat well .....	.10	.35	1.00
LONG SCARLET SHORT TOP. A well-known variety and extensively planted. Roots 6 inches in length, about one-third of which grows above the ground. Color, bright red .....	.10	.35	1.00
CINCINNATI MARKET. Scarlet; small top; very early and probably the best long red variety for forcing .....	.10	.35	1.00
IMPROVED CHARTIER. The finest variety in existence, early as Long Scarlet Short-Top, but better in quality; will stand far longer, and it is in all respects superior to any other Radish in cultivation.....	.10	.35	1.00

Radishes—Continued

WINTER RADISHES

ROUND BLACK SPANISH. Globe-shaped; white fleshed; piquant flavor	\$.10	\$.35	\$ 1.00
LARGE WHITE SPANISH. Roots 6 inches long and 2½ inches in diameter; white skin and flesh. Does equally well in summer as in winter .....	.10	.35	1.00
CELESTIAL, or WHITE CHINESE. Attains a length of 12 inches and a diameter of 4 to 5 inches. Flesh crisp, mild and sweet in flavor .....	.10	.35	1.00
CHINESE ROSE. Half-long; flesh pink, solid, of excellent quality .....	.10	.35	1.00

RHUBARB, OR PIE PLANT

RHUBARB ROOTS—EARLY STRAWBERRY AND VICTORIA. Each, per large root	Price on Application		
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SPINACH

CULTURE—For early use, sow very early in spring, and for succession, at intervals. The main crop for spring and winter use should be sown in September and the plants covered for winter. An ounce of seed will sow 50 feet of drill; 30 pounds to the acre.

LONG-STANDING THICK-LEAVED. Has large thick, fleshy, crimped leaves of the Savoy style. Tender and of good flavor	oz. ¼ lb. lb.		
NEW ZEALAND. Grows well during hot summer weather, and is of good flavor..	.15	.40	1.00
VICTORIA. Foliage thick, broad, dark green; remains in prime condition two or three weeks after other sorts have run to seed .....	.10	.20	.35
SAVOY LEAVED. Also known as Bloomsdale. A very early variety and one of the best to plant in autumn for early spring use .....	.10	.20	.35
PRICKLY SEEDED WINTER .....	.10	.20	.35

SQUASH (Speise Kurbis, Ger.)



CULTURE—Plant when all danger from frost is past, and get in the winter varieties as soon as possible in order that they may mature. Plant in hills 4 feet apart for the bush varieties and 6 or 8 feet apart for running sorts. Put 6 or 8 seeds in a hill, thinning when all danger from insects is past to 3 or 4 plants in a hill. If the young plants are dusted two or three times with Bug Death before the bugs come, the insects will not be likely to attack them.

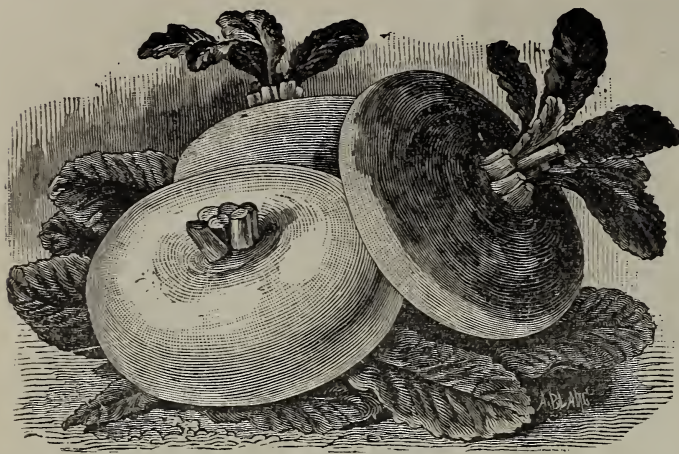
One ounce of seed for 50 hills 3 to 4 pounds per acre.

THE DELICIOUS. The squashes weighing from five to ten pounds, vary both in color and form, but are uniformly delicious in flavor and splendid winter keepers	oz. ¼ lb. lb.		
ESSEX HYBRID. Very prolific, fine-grained, orange-red flesh .....	.15	.40	1.25
HUBBARD. A standard late Squash. Skin dark green; flesh fine-grained, dry, sweet, late-keeping .....	.15	.40	1.25
GOLDEN HUBBARD. Skin and flesh deep yellow. Very dry and of excellent flavor. Particularly good for pies on account of its bright color .....	.15	.40	1.25
EARLY WHITE BUSH SCALLOP. The well known, very early, somewhat flattened scalloped Bush Squash of medium size. Color creamy white .....	.15	.40	1.25
TURBAN. Hard-shelled. Flesh orange, thick, fine-grained, fine quality .....	.15	.40	1.25
FORDHOOK. Ripens early and is one of the best keepers we know of .....	.15	.40	1.25
SUMMER CROOK-NECK. Good for summer or winter .....	.15	.40	1.25
COCÓZELLE (Italian Vegetable Marrow). Fruit about 6 to 8 inches long, dark green, yellow, lighter green stripes. Bush form .....	.15	.50	1.75

TOBACCO

CULTURE—The seed should be sown as early as possible after danger of frost is over. It is customary to burn a quantity of brush and rubbish in the spring on the ground intended for the seed bed; then dig and pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly. When the plants are about six inches high, transplant into rows four or five feet apart each way. Cultivate thoroughly with plow and hoe.

CONNECTICUT SEED LEAF. A hardy cigar variety, well adapted to growing in the Middle and Northern States	Pkt. oz. ¼ lb.		
HAVANA. Leaf very thin, fine texture. Much used for cigar wrappers .....	.10	.40	....



TURNIPS

CULTURE—For early, sow as soon as the ground can be prepared, in drills 15 inches apart, and thin the plants to stand 8 inches apart. Sow for succession at intervals of a fortnight, until the last week in July, and from that time onward until the last of August sow for main crop. The sowing should always be made just before a rain, if possible, as the success of the crop depends, in a great measure, upon quick germination and rapid growth of the young plants.

An ounce of seed will sow 150 feet of drill; 2 pounds will sow an acre.

	oz.	¼ lb.	lb.
LARGE EARLY RED-TOP GLOBE. Remarkable for its heavy yield per acre....	\$.10	\$.30	\$.75
PURPLE-TOP STRAP-LEAF. Grown largely for fall and winter crops .....	.10	.30	.75
WHITE EGG. Quick growing, globe shaped, perfectly smooth, pure white variety the sweet, firm flesh is always mild, rich and of fine flavor .....	.10	.35	1.00
GOLDEN BALL. Yellow-fleshed, sweet and of fine flavor .....	.10	.35	1.00
COW HORN, or LONG WHITE. Grows nearly half way out of the ground; carrot shape; usually slightly bent; pure white; has slight green tinge on top.....	.10	.30	.90
WHITE MILAN. Fine flavored .....	.15	.45	1.50

RUTABAGAS, or SWEDES

These are grown chiefly for stock, but are excellent for cooking in spring.

	oz.	¼ lb.	lb.
AMERICAN PURPLE TOP. Large, firm yellow roots; are hardy and well flavored'..	\$0.10	\$0.30	\$1.00
SWEET GERMAN. Large, white; fine quality .....	.10	.30	1.00

TOMATO

One ounce of Seed Will Produce About 2,000 Plants; ¼ Pound to the Acre.

CULTURE—Tomatoes do best on light, warm, not over rich soil and success depends largely upon securing a rapid, vigorous and unchecked growth during the early part of the season. Sow in hotbeds from six to eight weeks before they can be set out of doors, which is when danger from frost is past; when the plants have four leaves, transplant into shallow boxes or cold frames, setting them four or five inches apart; give plenty of air and endeavor to secure a vigorous but steady and healthy growth, so that at the time of setting in the open ground they will be strong and stocky. Even a slight check while the plants are small will materially diminish their productiveness. Set out of doors as soon as danger from frost is over, but before doing so harden off the plants by gradually exposing them to the night air and by the withdrawal of water until the wood becomes hard and the leaves thick and of a dark green color. Transplant carefully and cultivate well as long as the vines will permit.



S. & P. CO. SELECTED STOCK
EXTRA EARLY DWARF SORTS
DWARF CHAMPION. Plants compact, stocky and upright; fruit ripens early and the plants yield enormously. The fruit is always smooth and handsome, ripening close to the core, and never cracking, resembles Acme.
½ oz. \$0.20; oz. \$0.35; ¼ lb. \$1.25; 1 lb. \$4.00

	½ oz.	oz.	¼ lb.	lb.
ACME, Improved Strain. Ripens early; of medium, uniform size; glossy red with purplish tinge; round and smooth, free from cracks. An excellent Tomato for market gardeners' use, as it ships well	\$0.20	\$0.35	\$1.25	\$4.00
DWARF STONE. Fruit red, large, early; smooth and very productive .....	.20	.35	1.25	4.00

TOMATOES—Continued**EARLY LARGE SORTS**

	½ oz.	oz.	¼ lb.	lb.
EARLIANA. A fine scarlet Tomato. Ready for the market several days ahead of any other variety. Ripens uniformly and is a good yielder ....	.20	.35	1.25	4.00
JUNE PINK. The earliest of the pink Tomatoes and one of the very best for family garden. The skin is thin, very smooth; flesh solid, of excellent quality and flavor .....	.20	.35	1.25	4.00
BONNY BEST. Nearly as early as Earliana; color intense scarlet and ripening even up to the stems; round and slightly flattened at the stems.	.20	.35	1.25	4.00
BEAUTY. Glossy crimson; large, smooth, solid, never cracking; holds its size well .....	.20	.35	1.25	4.00
DETROIT .....	.20	.35	1.25	4.00
CHALK'S EARLY JEWEL. An early Tomato, vigorous and productive. Fruit deep scarlet, of good size and fine quality .....	.20	.35	1.25	4.00
JOHN BAER. Medium, early, red; solid .....	.25	.40	1.50	5.00
GREATER BALTIMORE .....	.20	.35	1.25	4.00
GLOBE. A beautiful globe-shaped variety. Large size, smooth, firm fleshed, few seeds; color, glossy rose, tinged purple.....	.20	.35	1.25	4.00

LATE SORTS

THE STONE. Large, smooth fruits of bright scarlet; solid and meaty .....	.20	.35	1.25	4.00
NEW RED ROCK TOMATO. One of the finest, large, solid, smooth Tomatoes of very fine, red color. A heavy producer—late	\$0.20	\$0.35	\$1.25	\$4.00
MATCHLESS. Fruit large, rich cardinal-red; skin tough; flesh very solid ..	.20	.35	1.25	4.00
BEEFSTEAK. Bears continuously and late. Extremely large and smooth; solid as a beefsteak; nearly seedless .....	.20	.40	1.50	5.00
PONDEROSA. Enormous and of fine quality, but not always smooth and does not ripen evenly .....	.20	.40	1.50	5.00
TRUCKER'S FAVORITE. One of the finest large-fruited purple sort .....	.20	.35	1.25	4.00

SMALL FRUITED SORTS

YELLOW PLUM. Fruits about 2 inches long, 1 inch through .....	.20	.40	1.50	...
RED CHERRY. Little Fruits, bright scarlet.....	.20	.40	1.50	...
Genuine LIVINGSTON'S Tomato Seed. Sold in Bulk or Original Packages.				
	½ oz.	oz.	¼ lb.	lb.
DWARF CHAMPION .....	.35	.60	2.25	8.00
ACME .....	.30	.50	1.75	6.00
JUNE PINK .....	.35	.60	2.00	7.00
EARLIANA .....	.35	.60	2.00	7.00
BONNY BEST .....	.35	.60	2.25	8.00
DWARF STONE .....	.35	.60	2.00	7.00
CHALK'S EARLY JEWEL .....	.35	.60	2.25	8.00
LIVINGSTON'S GLOBE .....	.35	.60	2.25	8.00
	½ oz.	oz.	¼ lb.	lb.
CORELESS .....	.35	.60	2.25	8.00
LIVINGSTON'S BEAUTY .....	.35	.60	2.25	8.00
MATCHLESS .....	.35	.60	2.00	7.00
NEW STONE .....	.35	.60	2.25	8.00
PERFECTION .....	.30	.50	1.75	6.00
LIVINGSTON'S FAVORITE.....	.35	.60	2.25	8.00
BUCKEYE STATE .....	.40	.75	2.50	9.00
	.35	.60	2.25	8.00

SEED POTATOES

Our Seed Potatoes are grown in the North on land especially adapted for each variety.



We keep the following varieties of Northern Grown Seed Potatoes in Stock:

Rural New Yorker
Carman No. 3
Early Six Weeks
Irish Cobbler
Early Ohio
Early Bovee
Old Early Rose
Sir Walter Raleigh
Green Mountain
Gold Coin
Early Manistee
Ionia Seedling

HIGHEST QUALITY FLOWER SEED



NOTES ON RAISING FLOWERS FROM SEEDS

The first and most essential requisite is **Reliable Seeds**. Next, a suitable soil. That best suited for flower culture is a rich loam containing enough sand to make it porous. A large portion of the summer flowers are **Annuals**. As they do not take kindly to transplanting, it is best to sow seed where the plants are to bloom. Sow in dry soil previously fertilized by bone meal, sheep manure, or similar stimulants. Make a broad but shallow depression in which sow the seeds as thinly and evenly as possible and cover in proportion to the size of the seeds. Very small seeds should not be covered. Press them into the soil with a flat board.

Varieties not named in this list are carried by us, and can be had on application.

ALYSSUM MARTIMUM (Sweet Alyssum). Small white, honey-scented flowers	Pkt. \$.05	¼ oz. \$.10	oz. \$.25
ASTERS, QUEEN OF THE MARKET. One of the most popular varieties..	.05	.25	.75
ASTERS, COMET. Extra large flowered mixed .....	.05	.25	.75
AMARANTHUS. Tender, decorative annuals, useful for border plants. Fine mixed. (Joseph's Coat), (Love-Lies-Bleeding), and others.....	.05	.10	.25
ANTIRRHINUM—Snap Dragon. ½ to 3 ft. Dark glossy leaves and curious shaped, showy colored flowers with spotted throats. Snap Dragons blossom the first year if seed is sown early. Tall Sorts Mixed .....	.05	.15	.50
BALSAM (Lady Slipper). Give brilliant masses of beautiful flowers for little care. Plants about 2 ft. in height; transplanting dwarfs them and renders the flowers more double. Double Balsam, Mixed .....	.05	.15	.50
CANDYTUFT. A dwarf annual of easiest culture; free-blooming, showy, and useful for beds, borders and edgings. Fine Mixed .....	.05	.10	.30
CARNATION (<i>Dianthus Caryophyllus</i>). These, while belonging to the hardy perennials, may nearly all be flowered the first season by sowing early. Fine Double Mixed. Many colors .....	.10	.40	1.00
COCKSCOMB. Handsome and distinct; the comb-like heads may be grown to a large size and make fine decorative plants and unique beds. Enormous crimson heads; dark foliage .....	.05	.20	.50
CALLIOPSIS. Showy, beautiful, free-blooming plants, producing large, bright flowers of rich and charming colors throughout the entire summer .....	.05	.10	.25
CENTAUREA CYANUS (Bachelor's button). Known as Ragged Sailor or Cornflower. It is not a pretentious plant but will always charm by its simple beauty..	.05	.15	.35
COSMOS. A hardy annual having strong stems from four to six feet high with delicate, feathery foliage and pretty flowers of shades of rose, red, pink, yellow, and also pure white. Early Flowering Cosmos, mixed .....	.05	.15	.50
CHRYSANTHEMUMS. Double mixed .....	.05	.15	.40
GAILLARDIA (Blanket Flower). If started early, will bloom until frost. Excellent for borders, for bedding, and for cut flowers. Give them a light soil and a sunny location. Mixed colors. ....	.05	.20	.50
GOURDS, DISH CLOTH. When shell and seeds are removed, makes an excellent sponge .....	.05	.10	.20
GOURDS, SIPHON or DIPPER. Useful for dippers .....	.05	.10	.20
HOLLYHOCK. Hollyhocks make a fine row in a garden, a fine background next to a building, or high wall or fence. The double varieties are most desirable. Double, in fine varieties .....	.05	.35	1.00
HIBISCUS (<i>Africanus</i>). Sturdy perennials growing four feet high. Desirable for shrubby borders. Blooms first year if sown early .....	.05	.10	.25
KOCHIA Tricophylla (Burning Bush, Summer Cypress). A very handsome, symmetrical plant, forming beautiful globose specimens without pruning or pinching; leaves assume crimson tint in the fall.....	.05	.15	.35
LARKSPURS (<i>Delphinium</i>) Dwarf Double Rocket. These are among the first to flower. Their flowers are very bright, mainly shades of blue, purple, rose, violet and white .....	.05	.10	.25
MORNING GLORY. Single Imperial. Fine mixed .....	.05	....	.10
JAPANESE MORNING GLORY. These are wonderful in the colorings and markings of the flowers as well as for the variety of form and variegation of foliage .....	.05	.10	.20
MOONFLOWER (<i>Mexican Grandiflora Alba</i>). Very large, pure white flowers, opening in the evening and on dark, cloudy days .....	.05	.15	.50
MARIGOLD (Tall Double Mixed). Bloom continuously all summer. They succeed best in a light soil exposed to the sun.....	.05	.15	.50

Flower Seeds—Continued

	Pkt.	¼ oz.	oz.
MYOSOTIS, (Forget-Me-Not). One-half to one foot. They are considered among the best spring flowers and grouped with Pansies and Daisies the most lovely combinations may be obtained	\$.10	\$.25	\$.85
MIGNONETTE, Sweet-Scented (Odorata). The old Mignonette; very sweet-scented .....	.05	.10	.20
MIRABILIS, (Four O'Clock Marvel of Peru). Showy, fragrant flowers which open in the afternoon. Thrive anywhere; blooms entire season .....	.05	.15	.40
NICOTIANA TOBACCO PLANT (Sanderae Hybrids). The result of much patience in crossing and selection. Flowers are large as the type and colors are all fine .....	.05	.25	.75
PANSIES (Cassier, 3 and 5 Spotted). An A1 strain .....	.10	.50	1.50
SCOBIE & PARKER CO.'S GIANT PANSY MIXTURE .....	.05	.40	1.25
POPPIES, ANNUAL—			
Shirley Improved. This is a charming class of Poppies, all white centered, and running through many beautiful shades .....	.05	.10	.25
Double-Flowered Mixed. Choice mixture of many varieties .....	.05	.10	.25
PETUNIA. Finest mixed .....	.05	.25	.75
PETUNIA. Inimitable. Finest striped and blotched .....	.05	.25	.75
PHLOX DRUMMONDI. A great improvement on the old tall varieties, having large, round florets with distinct eyes; are very fine bedders .....	.10	.35	1.00
HARDY PHLOX (Decussata). They are perfectly hardy and need no protection; will grow in any soil, but succeed best in deep, rich, rather moist ground. Should be sown in autumn .....	.10	.50	1.50
PORTULACA. Large flowering. Double best mixture .....	.10	.50	1.50
PORTULACA...Good mixture of single varieties. Large flowering .....	.05	.25	.75
RICINUS (CASTOR BEAN). Decorative plants with palm-like foliage and showy fruits .....	.05	.10	.15
SAVIA SPLENDENS (Scarlet Sage). Tall variety. Very rich and free .....	.10	.40	1.50
SWEET WILLIAM. Single mixed. Delicately fringed flowers .....	.05	.15	.50
SWEET WILLIAM (Flore Pleno). Double mixed (Pheasant's Eye) .....	.05	.20	.75
STOCKS—Gilliflower, Dwarf German, 10 Weeks. Fine mixed. Double. Stocks are hardy annuals, indispensable in every garden.....	.10	.50	1.50
VERBENA. One of the best annuals for bedding purposes, also for vases and window boxes. Easily grown from seed. <i>Hybrida Compacta</i> . These are elegant, dwarf, bushy varieties .....	.05	.25	.75
WILD CUCUMBER (<i>Echinicystis Lobata</i>). This is the quickest growing climber on our list .....	.05	.10	.25
ZINNIAS (Youth and Age). Zinnias are among the most showy and brilliant of annuals. They are flowers for everybody. (Pompon). Double mixed .....	.05	.20	.50

NASTURTIUM

One Ounce of Seed Sows 30 Feet of Single Row.

It is doubtful if among the plants classed as Annuals there is any other of the summer blooming varieties which combines in so great degree ease of culture, beautiful flowers of showy colors, profusion of bloom from early summer until killed by frost, and general excellence as Nasturtium. More and larger flowers are produced on thin soils. Hot weather has no injurious effect.

TALL or CLIMBING NASTURTIUMS. Mixed. A combination of many tall varieties	oz.	¼ lb.	lb.
DWARF or TOM THUMB NASTURTIUMS. A mixture of the best dwarf sorts, producing when in bloom an agreeable effect; in colors of scarlet, crimson, bronze, gold and white	\$.10	\$.35	\$ 1.00
	.10	.35	1.00



SWEET PEAS

(*Lothryus Odoratus*). No garden is too small for a row of Sweet Peas and no estate, however extensive or magnificent, should fail to include many varieties of this most popular flower. Its long blooming season usually extends from early summer until very hot dry weather, and no other climber equals it for cutting, either for use in bouquets or for table decoration.

Sow in permanent location, in single row, two seeds to the inch, half ounce of seeds to every yard of row; cover one inch deep.

SWEET PEA CULTURE CONDENSED

Trench deeply; manure liberally; plant thinly; stake quickly; water freely; dispo promptly.

ECKFORD'S CHOICE MIXED. This mixture has been carefully grown from selected stock seed and it will afford a splendid variety of blooms of improved forms and in the widest possible range of desirable colors. Many of the most pleasing and brilliant colors are included.....	oz.	¼ lb.	lb.
GRANDIFLORA. Mixed	\$.10	\$.35	\$ 1.00
SPENCER. Mixed .....	.15	.40	1.00
MAMMOTH RUSSIAN SUNFLOWER. The Giant of all Sunflowers .....	.20	.50	1.50

Pound, 25 cts.

SHEEP MANURE

Is most convenient and economical—"A Wagon Load in a Bag"—Dry, finely pulverized, without weeds, waste or refuse. If you really want the greenest kind of a velvety lawn and garden that will be a delight to possess, flowers of rare foliage and bloom, fruits and vegetables and berries that come near to perfection, give your soil a good dressing of Sheep Manure the first thing this spring.

5 lb. Pkgs., 25c; 25-50-100 lb. Bags, Price on Application.

KEYSTONE FERTILIZER. This famous brand is made from bone and tankage, treated with acid, the proportion of Ammonia, soluble, available and insoluble. Phosphoric Acid so arranged that it is both quick and lasting.

Per 100 lbs. \$.; Per ton \$.

NO. 1 PURE RAW BONE MEAL. Our No. 1 Pure Raw Bone Meal is made from selected bones, picked out by hand.

Per 100 lbs. \$.; Per ton \$.

NITRATE OF SODA, or Chili Saltpeter Per 100 lbs. \$.

FERTILIZER

"SHUR-GRO" FERTILIZER. Entirely free from Sulphuric or other injurious acids, therefore, will not sour or injure the soil.

Plant growth begins in decomposition and decay, and is followed by absorption; and SHUR-GRO supplies those elements essential for absorption in available form.

No disease of plants can exist when the soil is supplied with all the minerals essential to vegetation; and SHUR-GRO contains all of them.

Prices—10 lbs., 65c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

LAWN GRASS SEED

Two Quarts of Seed Will Sow About 20 Square Feet; Four Bushel to the Acre.

FANCY KENTUCKY LAWN GRASS. For quickly producing a permanent, thick and velvety sward of grass, this brand of Lawn Grass cannot be excelled. It is the best mixture of grasses we sell for lawn making, and will give satisfaction wherever sown Price on Application

SHADY NOOK LAWN MIXTURE. Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass " " "

SCOBIE & PARKER CO.'S PUTTING GREEN MIXTURE is a combination of seed of low growing, fine bladed grasses which produce close, firm, velvety turf under general conditions " " "

SCOBIE & PARKER CO.'S "GOLF LINK" FAIR GREEN MIXTURE. The grasses in this mixture endure wear and tear, and retain their good appearance. Sow 75 to 100 pounds per acre " " "

SCOBIE & PARKER CO.'S PERMANENT PASTURE MIXTURE. A very hardy popular grass grown successfully almost anywhere. Valuable in pasture because it offers feed a few days after moist weather in spring. It is the best pasture grass for our climate and soil, succeeding finely on hill lands and producing the most nourishing food. " " "



GRASS AND FIELD SEEDS

BLUE GRASS (<i>Poa Pratensis</i>). Commonly called Kentucky Blue Grass. Very valuable grass for pasture and lawns	Price on Application		
RED TOP (<i>Agrostis Vulgaris</i>). A valuable grass for moist soils and lowlands. It is a good, permanent grass, standing our climate well	"	"	"
ITALIAN RYE GRASS (<i>Lolium Italicum</i>). A valuable European variety, adapted to any climate, and produces large and nutritive crops	"	"	"
ORCHARD GRASS, or ROUGH COCKSFOOT (<i>Dactylis Glomorata</i>). This is one of the most valuable and widely known of all pasture grasses. It is well adapted for sowing under trees or orchards	"	"	"
TIMOTHY (<i>Phleum Pratense</i>). This is decidedly the best grass for hay	"	"	"
MILLET, GERMAN or GOLDEN. An improved large leaved variety, growing three to five feet high, and a heavy yielder	"	"	"
BUCKWHEAT (Japanese). The plants are large and vigorous, maturing seed early and resisting drought and blight remarkably well	"	"	"
BUCKWHEAT (Silver Hull). This improved variety is much better than the old sort. It is in bloom longer, matures sooner, and yields double the quantity per acre	"	"	"
FLAX (<i>Linum Usitatissimum</i>). Sow late enough in the spring to avoid frost and early enough to secure a good stand and enable the crop to ripen before the fall rains	"	"	"
SORGHUM (Early Amber). Sugar Cane as a green fodder crop is yearly being better appreciated by the dairy farmer	"	"	"
DWARF ESSEX RAPE. A forage plant of great merit, easily grown in any part of the United States, on any land that will raise turnips or corn	"	"	"
VETCHES (Sand, Winter or Hairy). Best fodder crop on poor soil. On good soil makes a growth of 4 to 5 feet. Remains green all winter. Suitable for spring and fall sowing. One and one-half bushels to the acre	"	"	"
SPRING (<i>Vicia Sativa</i>). Grown for the same purpose as Winter Vetches. Sow in the early spring	"	"	"
COW PEAS—Great Soil Improver. The value of Cow Peas as a soil enricher is now well known	"	"	"
SOJA, or SOY BEANS. A valuable legume somewhat on the order of Cow Peas; is coming more and more into use	"	"	"
CANADA FIELD PEAS. Very valuable in the Northern states for cattle feeding. Excellent for horses and pigs when sown with oats	"	"	"
BARLEY (Beardless). Earlier than any other beardless Barley, and a heavy yielder	"	"	"
OATS (Canadian Cluster). Northern-grown seed. Enormous yielder, producing large heads	"	"	"
WHEAT (Fancy Northern Seed)	"	"	"
RYE (Winter)	"	"	"

CLOVERS

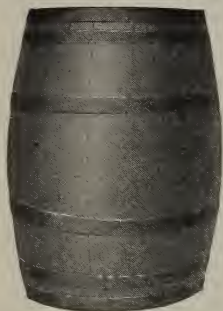
MEDIUM RED OR JUNE (<i>Trifolium Pratense</i>). Sow in spring or fall, at the rate of 8 or 10 pounds per acre	Price on Application		
MAMMOTH OR LARGE RED (<i>Trifolium Pratense</i>). Sow at the rate of about 8 pounds per acre; 60 pounds per bushel	"	"	"
WHITE DUTCH (<i>Trifolium Ripens</i>). A small, creeping, spreading, perennial variety, valuable for pasture and lawns	"	"	"
ALSIKE OR SWEDISH (<i>Trifolium Hybridum</i>). This valuable variety is fast gaining great popularity	"	"	"
ALFALFA OR LUCERNE (<i>Medicago Sativa</i>). Will bear cutting three or four times during the season. For bringing up poor land it is the best of the clovers	"	"	"
CRIMSON OR SCARLET CLOVER. Can be seeded at any time from June to October, at the rate of 15 to 20 pounds per acre	"	"	"

INSECTICIDES AND FUNGICIDES

NIAGARA SOLUBLE SULPHUR COMPOUND

For the control of the San Jose Scale, Oyster Shell Bark Louse, Pear Psylla, Peach Leaf Curl, and other sucking insects or fungus diseases.

CONSIDER THIS COMPARISON.



STANDARD

Commercial Lime and Sulphur Barrel. This 50 gallons of liquid weighs 600 pounds of which 75% is water and package. Impossible to prevent leakage.



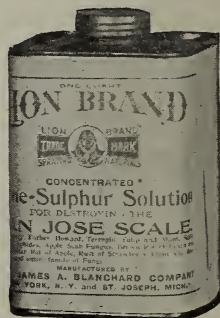
STANDARD

Niagara Soluble Sulphur Compound Drum. This 100 pounds of powdered material is equivalent to 60 gallons of liquid. Leakage impossible.

1, 5, 10, 25, 50, 100 lb. Cans.

LION BRAND LIME SULPHUR SOLUTION

For winter or dormant spraying Lion Brand Lime-Sulphur Solution stands without a peer. It is also considered an ideal summer spray, no spray injury resulting from its use and it destroys Apple Scab Fungus, Bitter Rot, Blights, Rust, Smut, and in fact all the Fungus troubles which the orchardist has to contend with. The solution used at the strength of 1 to 40, while destroying Apple Scab, etc., will at the same time destroy the running Larvae of San Jose and other scale insects. Put up in 1 Qt., 1 Gal, and 5 Gal. Cans, and 50 Gal. Barrels.



Pyrox
REG. U. S. PAT. OFF.
TRADE MARK REGISTERED

Disposes of the bug question on all kinds of vegetables and fruits. If you believe in growing good products, free from disease and insect damage,

SPRAY WITH PYROX.

PYROX PRICES

5 lbs., 1 container.....\$1.40
10 lbs., 1 container.....2.50
25 lbs., 1 container.....5.75
One Pound Makes Five Gallons of Spray.

50 lbs., 1 container.....\$10.75
100 lbs., 1 container.....20.00
300 lbs., 1 container.....57.00

Prices subject to change without notice.

“BLACK LEAF 40”

WHAT IT IS USED FOR

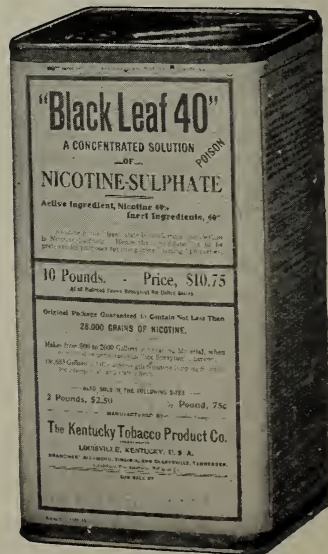
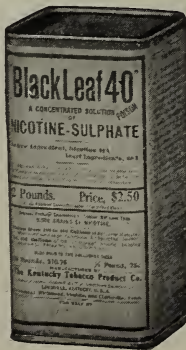
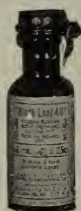
“Black Leaf 40” is used as a safe and effective spray for plant lice (aphids), thrips, leaf-hoppers and similar insect pests in the truck garden, orchard, flower garden, grove, park, vineyard, etc.

1 Oz.25c
Makes 6 Gallons.

½ lb.\$1.00
Makes 40-150 Gallons.

2 lbs.\$3.25
Makes 160-600 Gallons.

10 lbs.\$13.75
Makes 800-3000 Gals.



KEY BRAND DEPENDABLE SPRAYS PROTECT CROPS

SUPERFINE POWDERED ARSENATE OF LEAD.



Better than Paris Green. Does not burn foliage. Can be used for wet spraying or dry dusting. Has all the advantages of Arsenate of Lead Paste with double the strength—goes twice as far—and is easier to handle and measure out. One pound makes from 15 to 25 gallons of solution ready to apply.

1/2 lb. package...\$0.30

1 lb.	\$0.50	25 lb.	\$10.50
5 lb.	2.25	50 lb.	20.00
10 lb.	4.50	100 lb.	40.00

KEY CIDE POWDER.



This Bordo Lead Powder is a combined Insecticide and Fungicide. Kills bugs and prevents blight, rot, mildew and fungus in one spraying operation. Can be used for wet spraying or dry dusting on fruits, vegetables or flowers. Complete spray for gardens. One pound makes about 7 gallons ready to apply.

1/2 lb. package...\$0.40

1 lb.	\$0.75	25 lb.	\$13.00
5 lb.	3.50	50 lb.	24.00
10 lb.	6.00	100 lb.	45.00

KEY BRAND TREE WOUND PAINT.



Prevents Decay After Pruning. This residuum, penetrating antiseptic paint is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops tree bleeding.

1 Qt. Can...\$1.25

1 Gal.\$ 3.00

5 Gal.\$11.25

Just Slip a
Sealed
Cartridge
in the
Gun.
THAT'S
ALL!



HANDY SEALED
INSECTICIDE
CARTRIDGES



IT'S SO QUICK AND EASY—No Handling, No Mixing, No Weighing, No Measuring of Chemicals, and Without the Use of Water.

Key Duster automatically opens insecticide and fungicide cartridges, effectively spreading the material just as required.

Make Successful Gardening
A Pleasure

Cartridges to Pse and Name:
For Vegetables & Small Fruit—

B. A.— 15c each, \$1.80 per dozen

For Flowers and Shrubs—

Ofloro— 15c each, \$1.80 per dozen

For Fruit and Vegetables nearly ripe

Heliohore— 20c each, \$2.40 per dozen

For Aphids & many soft-bodied insects

Kaphis— 15c each, \$1.80 per dozen

For Orchard Fruit—

L. A. S.—15c each, \$1.80 per dozen

KEY DUSTER Gun (length

36 in. Diam 2 1/2 in)

5.00 each

Order your Gun now—You'll enjoy it's ease and it will save, —and serve you too—year after year. A complete garden spray calendar is supplied with every gun.

FOR FLOWERS,
FRUITS, VEGETABLES
AND GARDENS

KEY DUSTER

FOR FLOWERS,
FRUITS, VEGETABLES
AND GARDENS

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AND GARDENS

KEY DUSTER

FOR FLOWERS,
FRUITS, VEGETABLES
AND GARDENS

KEY DUSTER

KEY BRAND BORDEAUX MIXTURE PASTE.



For Blight, Mildew, Rust and Fungus Diseases. Also prevents and checks Black Rot and Scab and acts as a deterrent for insects on fruit and vegetables. Dilute 1 pound to about 4 gallons of water for 3-3-50 formula.

1 lb. pkg.\$0.40

5 lb. 1.75

10 lb.	3.00	50 lb.	11.00
25 lb.	\$ 6.00	100 lb.	20.00

KEY BRAND ARSENATE OF LEAD PASTE.

For

Caterpillars, Coddling Moth, Fruit Flies and all Leaf-Chewing Insects. Mixes easily in water, stays in suspension well and does not clog nozzle. Sticks like paint, kills quick and will not burn foliage. Five careful tests insure high grade, uniform product. One pound makes about 12 gallons ready to apply.



1 lb. package...\$0.40

5 lb.	\$2.00	25 lb.	\$ 6.50
10 lb.	3.50	50 lb.	12.00
12 1/2 lb.	4.00	100 lb.	22.00

TARGET SALE DESTROYER (Soluble Oil).



Dormant Spray for San Jose and Oyster Shell Scale. Highly effective for Leaf Roller, tree infesting scale and most soft-bodied sucking insects. No disagreeable odor, no clogging of nozzle or burning of eyes like Lime Sulphur. May be used in spring or fall. Mixes easily without sediment. Sprays and creeps into crevices of rough bark. Dilute 1 gallon to 20 gallons of water and it's ready to apply. 1 Qt. Can \$0.75

1 Gal.\$2.00 | 30 Gal. Barrel...\$30.00

5 Gal. 8.00 | 50 Gal. Barrel... 45.00

KEY BRAND BORDO LEAD PASTE.

Insecticide and Fungicide.—



Two Sprays in One. Arsenate of lead combined with special Bordeaux Mixture that in one spraying operation it kills insects and prevents blight, mildew, rust and fungus diseases. Sticks like paint and remains on foliage. One pound makes about 3 1/2 gallons ready to apply.

1 lb. pkg.	\$0.45	25 lb.	\$ 6.50
5 lb.	2.00	50 lb.	12.00
10 lb.	3.50	100 lb.	22.00

KEY BRAND BORDEAUX MIXTURE POWDERED.

For Blight, Mildew, Rust, etc. It has all the advantages of paste with double the strength. Goes twice as far. Used for dry dusting or wet spraying. Dilute 1 pound to about 8 1/2 gallons of water for 3-3-50 formula.

1/2 lb. package...\$0.30



1 lb.	\$0.55	25 lb.	\$ 8.00
5 lb.	2.50	50 lb.	15.00
10 lb.	4.00	100 lb.	28.00

STERLINGWORTH BORER OIL



A few drops of this oil squirted into the tunnels made by Round or Flat Head Tree Borers will usually stop their work. An ordinary oil can is just the thing for applying. When you see the fine sawdust signs of borers at the tree butt, start at once to exterminate the saw-dust maker or he will quickly exterminate your trees.

1 Pt., 50c.

Sterlingworth Insect Spray



For Bed Bugs, Roaches, Water Bugs, Ants, Flies, Fleas, Mosquitoes and similar insects in homes, restaurants, cook-houses, offices, stables, public institutions or wherever these pests are found.

We cannot recommend it too strongly for all of the above uses. Not being an explosive or a poisonous fluid adds to its value. It saves the housekeeper

buying many different insect killers for the several different insects and the easiness of its use, quickness of results, appeals to all that use it. When applied according to directions given on each can it will not stain or spot bed-clothing, curtains, wall-paper, etc. The best way to apply it is with an ordinary sprayer.

For Bed Bugs spray or squirt it into the cracks and crevices where these pests are usually found. The fluid is very penetrating and reaches insects not reachable by other methods. Insects die that are hit by the spray or that crawl over newly sprayed surfaces.

1 Qt., 60c.



STERLINGWORTH POWDERED TOBACCO

An effective and cheap remedy for many bugs, worms, lice and spiders on Cabbage, Squashes, Melons, Cucumbers, Potatoes, Plants, etc. It is for use while the vegetation is damp.

1 Lb., 20c.

Sterlingworth No-Scab



For Treating Potato and Grain Seed. Grain Smut prevails wherever oats and other grains are grown. Potato Scab is also more prevalent each year. Never plant potatoes without treating the seed with No-Scab.

For Oat, Wheat and Rye Smut (except loose smut of wheat and barley which this preparation will not control, spread the seed on the floor, sprinkle with Sterlingworth No-Scab,

1 pound (1 pint) to 36 gallons of water, and shovel over to mix thoroughly, after which spread out and dry.

For Stinking Smut of Wheat and Grain, pour seed into the solution, stir and skim off smut balls as they rise to surface.

For Potato Scab, and to destroy many other germs on seed potatoes, soak seed in Sterlingworth No-Scab, 1 pound to 15 gallons of water. The mixture can be used for several lots of potato seed, over and over, until used.

½ Lb. Bottles, 50c Each.



STERLINGWORTH CUT WORM KILLER

STOP FEEDING PLANTS TO CUT WORMS

I remember my first row of tomatoes. They were beauties and cost twenty-seven pennies, all the money I had in the world, earned turning grind-stones, driving cows and picking berries. The very first night the cut worms killed all but two plants. I have had it "in" for the cut worms ever since, and now after twenty-five years have something that "gets him" every time. It is a coarse powder for sprinkling near the plants to be protected. It has an enticing odor and the worms prefer it to vegetation. There is no guess work about it doing the "business." The dead cut worms "tell" the story. You need not be afraid to use Sterlingworth Cut Worm Killer.

1 Lb., 35c.

STERLINGWORTH LAWN COMPOUND



KILLS WEEDS IN LAWNS
WITHOUT KILLING GRASS
MAKES THE LAWNS GREEN
AND VELVETY

While our claims for Sterlingworth Lawn Compound indicate that it has human intelligence, we guarantee that when used as directed it will kill such weeds as plantain, dandelions, chickweed and most other weeds having a broad hairy surface without killing the grass. Money back if it fails.

5 Lb. Pkg., 75c.



STERLINGWORTH WEED KILLER

FOR KILLING WEEDS IN WALKS, DRIVES AND TENNIS COURTS WHERE NO VEGETATION IS WANTED.

Sterlingworth Weed Killer is especially adapted for destroying weeds in walks, drives, dirt tennis courts, golf links, etc., or any other place where the killing of all vegetation is desired. It is successful against all kinds of weeds and grass, including milkweed, witchgrass, wild morning glory, dandelions, poison ivy, sumach, etc. One application will kill roots and foliage in 48 hours and no more weeds will grow until more seed is sown.

1 Lb., 50c.

STERLINGWORTH ANT-I-CIDE



FOR USE AGAINST ANTS IN LAWNS

They are a persistent pest. It is impossible to harbor them and have a good lawn. Either give up the lawn or the ants. If you prefer the lawn, try Sterlingworth Ant-i-cide. It is a powder to be sprinkled on the ground. One pound covers about 200 square feet. Induce your neighbors to use Sterlingworth Ant-i-cide and thus help protect premises from invasion. Guaranteed to give satisfaction or money refunded.

1 Lb. Box, 30c; mailing weight 2 lbs.



BUG DEATH DUSTER.

BUG DEATH DUSTER, for applying.....50 cents

BUG DEATH. Destroys potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms

.....1 lb. pkg. 15c, 3 lb. 40c, 5 lb. 60c, 12 lb. \$1.25

TREE TANGLE-FOOT. Protects trees

from canker worms, cutworms, ants, tussock moths and all climbing insects. It will not injure trees and when applied remains sticky for three months. Apply it thoroughly around the trunk of the tree just below the lower limbs in a band of 6 to 8 inches in width. Most effective if applied early.

1 lb. 50c, 3 lb. \$1.45, 10 lb. \$4.50.



Pat. March 16 and Nov. 9, 1897.



A COMBINED INSECTICIDE AND FUNGICIDE

You kill two birds with one stone and get the stone back when you

use Sterlingworth Ar-Bo, for you can prevent certain fungous diseases and kill most leaf-eating insects at one spraying, and the quality of the increased crop pays for the cost of the material and time of applying.

Sterlingworth Ar-Bo has the fungicide qualities of Bordeaux and the killing values of Paris Green and Arsenate of Lead combined in one mixture. It accomplishes what straight Bordeaux Mixture does in the way of preventing fungous diseases like Apple Scab, Rust, Anthracnose, Leaf Spot, Black Rot, Downy Mildew, Mildew, Leaf Curl, Sooty Mold, Fruit Spot, Pear Blight, Black Knot, Potato Blight and Potato Rot, and in addition it controls most eating insects like Apple Maggot or Railroad Worm, Bud Moth, Canker Worms, Codling Moth (which makes your apples wormy), Plum Curculio (which stings your apples, plums, cherries, etc.)

Sterlingworth Ar-Bo is the great potato spray. Its use on potato gives the crop in many instances as much as three weeks longer in which to mature. Every day's additional growth on the last end of the growing period means larger tubers, and as there is more air in a box of large potatoes than in a box of small ones, the advantage from its use are obvious. Do not think of trying to raise potatoes without it. Use it once and you will never use anything else.

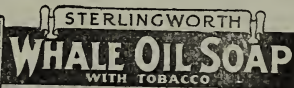
1 lb 40c, 5 lb. \$1.50, 10 lb. \$2.50, 25 lb. \$5.00.



HAMMOND'S SLUG SHOT

Hammond's Slug Shot, used from ocean to ocean. A light, composite, fine powder, easily distributed either by duster, bellows, or in water by spraying. Thoroughly reliable in killing Currant Worms, Potato Bugs, Cabbage Worms, Chicken Lice, Slugs, Sow Bugs, etc., and it is also strongly impregnated with fungicides.

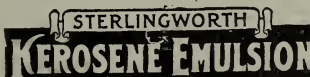
1 lb. of Slug Shot, with perforated top to dust out, 15c; 5 lb. package, 50c.



1 lb. 35c.

Kills most lice and sucking insects on trees, shrubs, plants, vines and rose bushes.

Sterlingworth Fish Oil Soap is different from the so-called Whale or Fish Oil Soap usually sold for agricultural use. It has a greater efficiency and is more desirable in other ways. It is a Fish Oil Soap, the killing values of which are increased by the addition of tobacco and tobacco extractive matter. It possesses the valuable features of Whale Oil or Fish Oil Soap with the additional insecticide values of tobacco, and may be used for all insect killing purposes for which Whale Oil or Fish Oil Soap may be used, with doubly satisfactory results.



A valuable remedy against Scale and many soft-bodied and sucking insects, such as Plant Lice, Leaf Aphis, Woolly Aphis, Celery Aphis, Squash Bug, Leaf Hopper, Mealy Bug, Cabbage Worm, etc.

Kerosene Emulsion is an article of wide and varied usefulness. It kills the green plant louse scale and many other sucking insects at once.

1 Qt. 50c, 1 Gal. \$1.25.



MASTICA



Mastica is elastic and tenacious. In a few hours after use, a skin or film is formed, preventing the evaporation of the oils and leaving it pliable for years. One gallon will cover about 290 running feet, one side.

Qt. can, weight 5 pounds	\$0.75
½-gal. can, weight 7 pounds	1.40
Gal. can, weight 15 pounds	2.75
MASTICA GLAZING MACHINE. For applying Mastica.	
Weight 2 pounds	2.75

LION BRAND GRAFTING WAX

We have been making it longer than anyone else. We know from actual, personal, grafting experience just exactly what is needed in a wax, and our product is always uniform. It will neither soften and leave the graft, melt in the sun, or be too hard to work up nicely in the hand.

Excellent to apply to young trees and shrubs that have been barked. It is put on easily and quickly, and will remain there and prevent decay, until the wound is covered with new bark.

Put up in half pound packages, 20c.



RAT CORN



RAT CORN

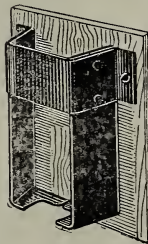
RAT CORN kills rats, mice, gophers, prairie dogs, squirrels and other rodents without odors. Mummifies them and they simply dry up. Is not a deadly poison, therefore, can be used without danger to human beings. Keep away from fowl.

Prices: 25c, 50c and \$1.00 per can.

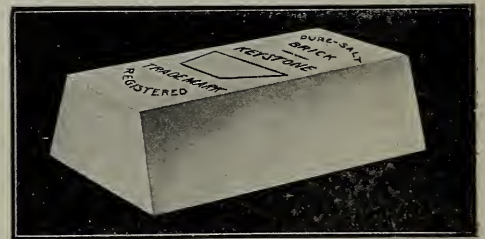
SURE SALT BRICK

These "COMPRESSED PURE-SALT BRICKS," with our patent Salt-Brick Feeders mark a step forward in the care and feeding of horses and cattle.

They are the most approved and up-to-date method of salting stock and are guaranteed to contain nothing but refined Dairy Salt.



Holders, 35c each.



Salt, 20c per brick.



DR. BLACKMAN'S MEDICATED SALT BRICK

For Horses, Cattle, Sheep and Hogs. Best Worm Medicine and Tonic ever produced. Drop Brick in the Feed Box—it will do the rest. Rats and mice won't eat it. Contains Copperas for worms—Nux Vomica, a Tonic—Sulphur for the Blood—Saltpeter for the Kidneys. And the Purest of Dairy Salt.

12 Bricks, weight 33 lbs., price.....\$2.75 24 Bricks, weight 66 lbs., price.....\$5.25

Single Brick25c

SPRAYERS

COMPLETE OUTFIT—Mounted on Skids with 50 Gallon Barrel and Mechanical Agitator.



With Brass Valves and Ground Bevel
Brass Seats, 2 inch Seamless Brass
Removable Cylinder, Hemp
Packed Plunger

Special Features: Cog Gear Movement, increased leverage adapted for spraying under heavy pressure, mounted complete, occupying smallest possible space. Capacity sufficient for 8 nozzles; well adapted for spraying potatoes.

No. R 316 B, Pump complete, 50 gallon barrel mounted on skids, with pressure gauge, one 15 foot lead of $\frac{1}{2}$ inch 7-ply discharge hose, one Fembro Fig. 1290 nozzle, one 8 foot pipe extension with lever shut off and mechanical agitator.

Price \$55.00.

No. R 316 C, Pump complete, 50 gallon barrel mounted on skids, with pressure gauge, two 15 foot leads of $\frac{1}{2}$ inch 7-ply discharge hose, two Fembro Fig. 1290 nozzles, two 8 foot pipe extensions with lever shut off and mechanical agitator.

Price \$60.00.

Represents No. R 316 B.

No. 305B, Improved Barrel Spray Pump, complete, with one lead of 15 feet of $\frac{1}{2}$ inch 5-ply discharge hose, graduating Vermorel nozzle and both jet and mechanical agitators and 12 feet of extension pipe on barrel.

Price \$22.50

Same, not mounted on barrel, price \$18.00.



Represents No. 305 B.

SPRAYERS

LOWELL COMPRESSED AIR SPRAYER

Tank: Made either of high-grade galvanized steel or sheet brass. Diameter of tank, 9 inches; 13 inches high. Weight, empty, 9 pounds; loaded, 34 pounds. Capacity, 3 gallons.

No. 116. All Galvanized.
Price \$6.50

No. 117. All Brass.
Price \$9.00



No. R324 COG GEAR BUCKET SPRAY PUMP.

Fitted with Bordeaux nozzle, brass ball valves, and has jet agitator. Cog gear increases the leverage 33 1-3 per cent.

White Wash, Cold Water Painting and General Purpose Sprayer, complete as illustrated.

Price \$8.50

No. 327 1/2, LITTLE GIANT.

With Agitator, Hose, Imperial Nozzle and malleable foot rest.

Price \$6.50

Also furnished with White Wash Nozzle.



PERFECTION SPRAYER.

The Perfection Sprayer has a tank made like a steam boiler. The all-riveted seams give the necessary strength for developing a high pressure, which is absolutely essential for good results. The all-brass pump is placed inside the tank and is easily removed.

No. 110G—Galv. Tank. . Each \$7.00

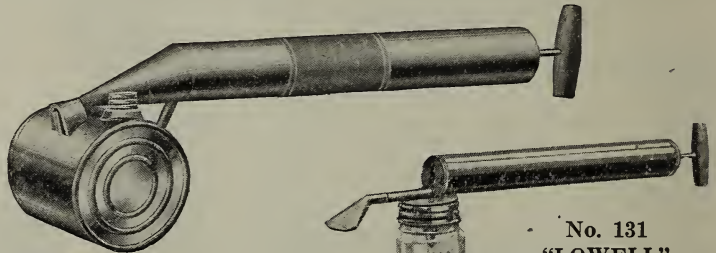
No. 110B—Brass Tank. . Each \$9.50



FAVORITE SPRAYER

A compressed air Sprayer of the "Perfection" type, designed to meet Pump: Made of seamless brass. Air valve easily removable. Has the demand for a cheaper machine. heavy plunger rod and special leathers.

Price \$5.00



Hand Sprayers

Tin—Each 65c

Brass—Each \$1.00

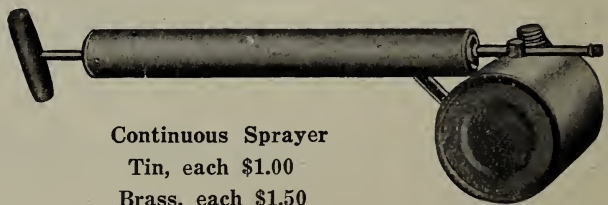
Glass Jar—Each 85c



No. 131 "LOWELL" POWDER DUSTER.

Easy to operate. Fill reservoir with dry powder, such as Paris Green, Hellebore, powdered Arsenate of Lead, etc. Size of spray regulated by operation of plunger. Elbow reversible enabling operator to spray up or down.

Price \$2.00



Continuous Sprayer

Tin, each \$1.00

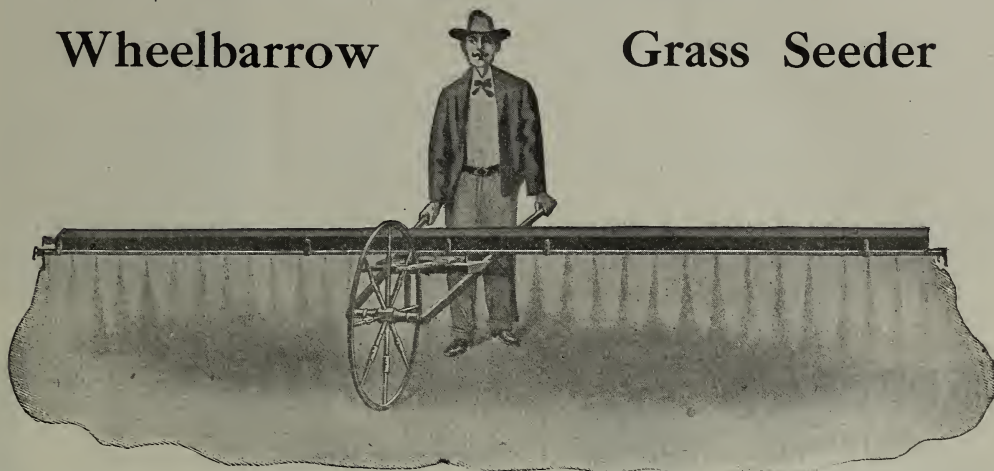
Brass, each \$1.50

THOMPSON'S

THE "ORIGINAL" AND ONLY SUCCESSFUL

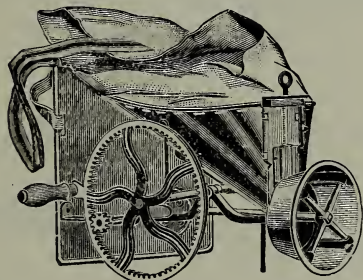
Wheelbarrow

Grass Seeder



SEEDER No. 1. Sows Clover, Timothy, Alfalfa and other seeds of same nature, any quantity from 2 to 12 quarts per acre. Hoppers 14 feet long.

THE CAHOON BROADCAST SEEDER



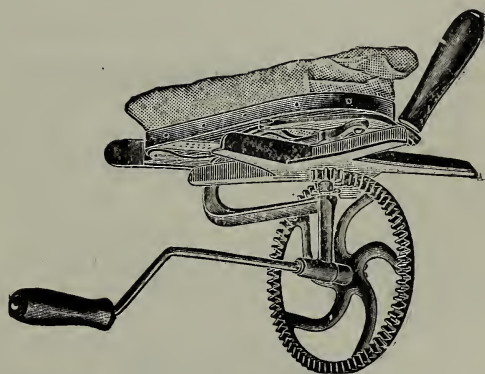
The most accurate broadcast seeder made. Will sow all kinds of grain or grass seed.

Price \$3.50

TIN HORN SEEDER

A GOOD CHEAP SEEDER

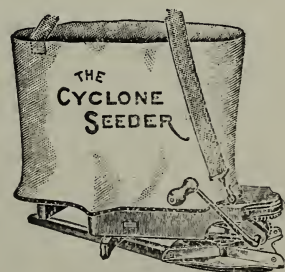
Price \$1.00



PREMIER BROADCAST SEED SOWER

Price \$1.50

THE
SOWER
THAT
SCATTERS
EVENLY.



Will sow all varieties of farm seed that can be sown broadcast. Full directions on each machine.

Low priced—But Guaranteed Absolutely.

Price \$2.00

HOT BED SASH

Our Sash are made from No. 1 Gulf Cypress, free from sap and knots. The bars are beveled at bottom to admit extra light. The cross bar of wood is grooved into the bars and mortised into the stiles. All sash are jointed before leaving our factory, so that no planing of edges is necessary to make them fit perfectly when laid side by side. We white lead all joints before putting sash together, making the sash last much longer.

No. 11 Sash—1 7/16 thick, 3x6 ft.

No. 11½ Sash—1 7/16 thick, 3½x7 ft.

No. 12 Sash—Double Light, 1½ thick, 3x6 ft.

Other sizes furnished on order.

Prices on Application.



NEPONSET WATERPROOF PAPER FLOWER POTS



Are made from a tough, lasting and thoroughly waterproof paper. The pots may be used over and over again for transplanting and similar uses.

Size in Inches	2¼	2½	3	4
Per 100.....	\$0.60	\$0.70	\$0.90	\$ 1.35
Per 1000.....	4.55	5.25	7.25	12.40

Brushes →

Separator Brushes

Milk Tube Brushes

Bowl Brushes

Bottle Brushes

Milk Can Brushes



McKIM PATENT ALL-STEEL MEASURES



Made in five sizes, BOTH STYLES, and we guarantee them U. S. Government Standard Capacity, or they may be returned at our expense, as we test each size to hold the required number of cubic inches. The sides and bottoms are made of heavy gauge steel, and they are admittedly the most substantial steel measure on the market.

**We Carry in Stock a Full Line of
Lawn, Garden and Poultry Supplies.**

**Ask Us for Anything You Need
in that Line**

THE NUMBER 16 HILL AND DRILL SEEDER AND CULTIVATOR

The machine, as illustrated, shows the seeder attached and all cultivator parts as shipped.

All seeds such as celery, radish, lettuce, beet, onion, carrots, spinach, chickory, cabbage, peas, etc., can be sown in this drill.

A different sized seed plate is used for each different sized or quantity of seed. Plants just the kind and quantity of seed desired without adjustment. Cannot go wrong. Every drop visible to the operator so he can see just what he is planting. The change of one seeding plate for another can be made in one minute.

Price \$15.00 .

No. 2 Challenge

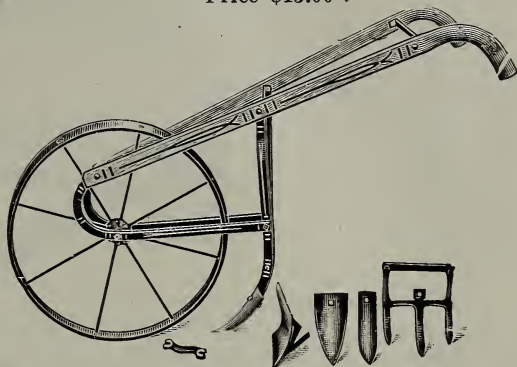
In this plow the center of weight falls directly over the pivoting point, making it self-balancing.

Height of wheel, 24 inches.

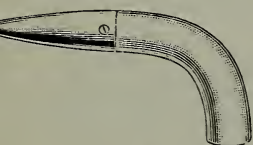
The attachments that go with each plow are a shovel, calf-tongue, weeder, cultivator, and a mould-board.

Nothing but the best materials are used in the manufacture of these plows.

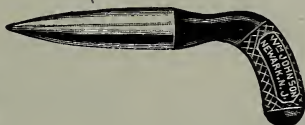
Price \$4.50



GARDEN TOOLS



No. 218—Wood Handle,
Iron Point Dibbles.
Price, each 50c



No. 220
ALL IRON DIBBLES
Price, each 50c



No. 213—Six inch. Cold Rolled Steel. Bright
Blade. Malleable Shank.
Price, each 15c



No. 214—Six inch. Rolled steel riveted blade.
Half polished and blue enameled blade.
Price, each 40c



No. 300—SPADING FORK—Three Tine.
These forks are well made, the tines are polished about half way and adjoining parts enameled blue. Polished hardwood handle with brass ferrule.
Price, each 40c



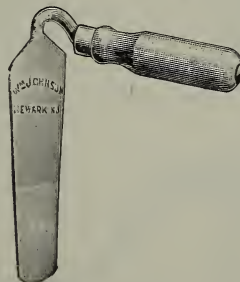
No. 2500—ASPARAGUS KNIVES.
These are forged from 7-16 round steel, well hardened and tempered to stand rough usage.
Price, each 50c



No. 217—Six inch. Transplanting. One piece
heavy rolled steel.
Price, each 25c



No. 212—This trowel is made of one piece of
heavy sheet steel, the shank and blade being one
piece. The shank is bent hollow to give strength.
Price, each 25c



No. 217A—TRANSPLANTING HOE TROWELS
Largely used by gardeners for setting out cabbage plants, etc.
Price, each 50c



No. 400—SPADING FORK—Four Tine
Finished in red enamel, polished points, hardwood handle with brass ferrule.
Price, each 30c



No. 2—Forged from Heavy Crucible Steel. Thoroughly tempered and ground sharp, ready for use. Natural Hammer Finish; top side Full Polished. Mahogany Finish Handle.

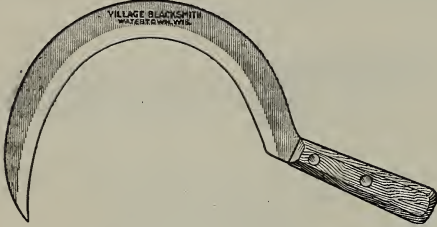
Price, each 75c



(Patented September 15, 1908)

No. 3—Forged from Bar Tool Steel. Thoroughly tempered and ground sharp, ready for use. Hangs perfectly without muscular effort. Natural hammer finish; top side full polished. Turned maple handle. Weight, about 10 pounds per dozen.

Price, each 75c



No. 4—Crucible Steel. Natural finish. Ground wide and sharp. Riveted hardwood handle. Weight, about 6 pounds per dozen.

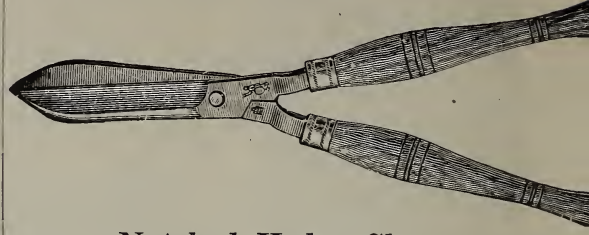
Price, each 65c



LITTLE GIANT GRASS HOOK

The original Ogee Shank Grass Hook—the grass hook that is imitated but never equalled.

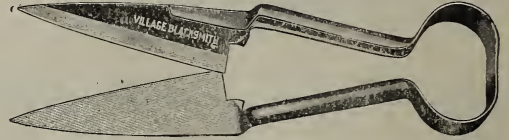
Price, each 65c



Notched Hedge Shears

With driven handles and improved bolt and nut spring washer. Every shear absolutely guaranteed.

9 Inch, \$2.25; 10 Inch, \$2.50.



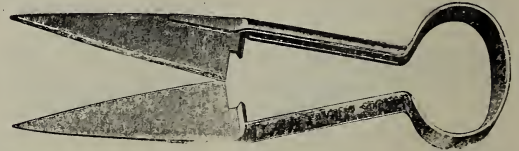
No. V52—Trowel Shank; made of Cutlery Steel. Blade 6 in. long. Finished in heavy green enameled handle and bows. Full Polished Edges.

Price, pair \$1.00



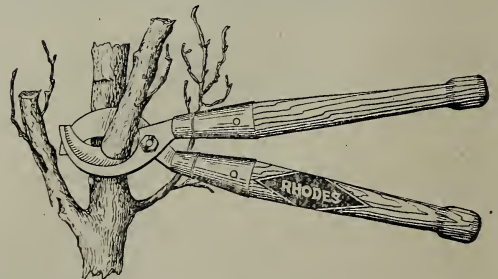
No. V2—Good Quality Shear; forged blade, 6 inches long. Blade edges and bevels polished. Handle and spring green enameled.

Price, pair 75c



No. R4—Good quality competition shear; blade 6 inches long. Natural finish.

Price, pair 65c



Rhodes Double Cut Pruning Shears IN USE THROUGHOUT THE WORLD

PRICE

26 Inch, \$3.50 30 Inch, \$3.75.

The finest cutting and best made pruner on the market and the only one that cuts from both sides of the limb and does not bruise the bark. Made in all styles and sizes.

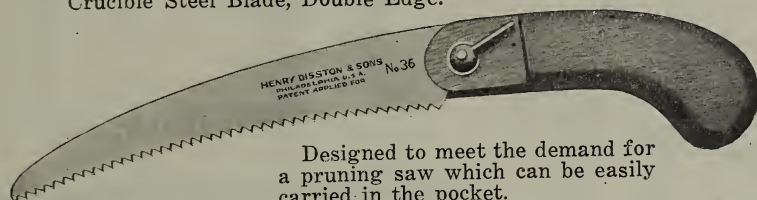
PRUNING TOOLS



YORK STATE PRUNER \$2.00
Narrow Crucible Steel Blade, Blued. Length of Blade, 20 inches.

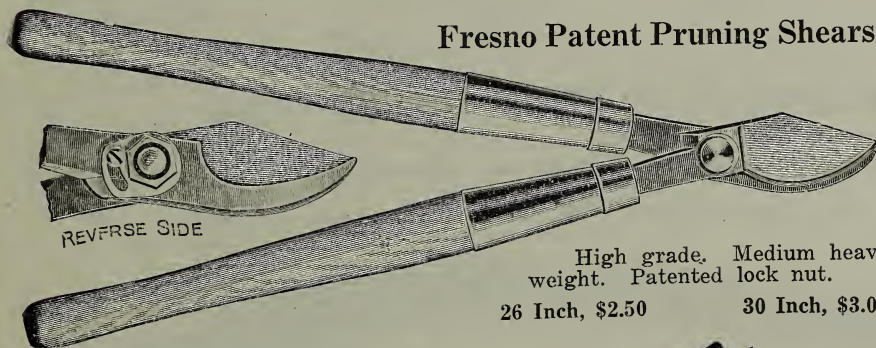


DUPLEX PRUNER \$1.25
Crucible Steel Blade, Double Edge.



FOLDING PRUNER \$1.00

Designed to meet the demand for
a pruning saw which can be easily
carried in the pocket.

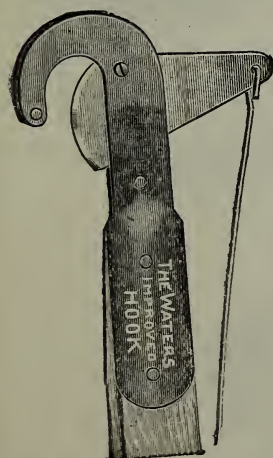


Fresno Patent Pruning Shears

High grade. Medium heavy
weight. Patented lock nut.
26 Inch, \$2.50 30 Inch, \$3.00



POLE PRUNER
\$1.75



Waters' Improved Tree Pruner.

With it, pruning can
all be done on the
ground, without ladder
or climbing.

8-10-12 Feet
\$1.00, \$1.25, \$1.50



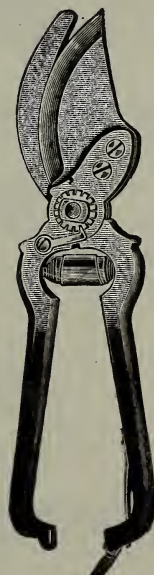
No. 17—\$1.00

California pattern.
Steel blade. Volute
spring.



No. R55—\$2.00

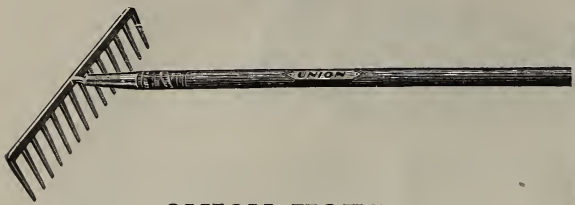
California pattern.
with adjusting nut; pol-
ished; tool steel blades;
tempered.



No. R70—\$2.25

With adjusting nut
and regulating ratchet;
straw-colored tool steel
blades of extra quality.

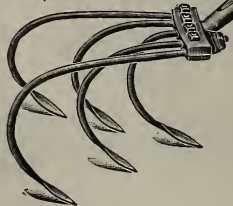
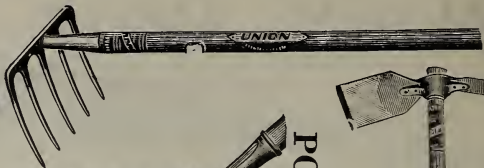
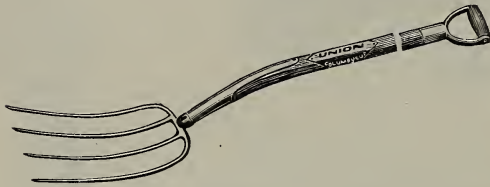
RAKES



ONION HOES

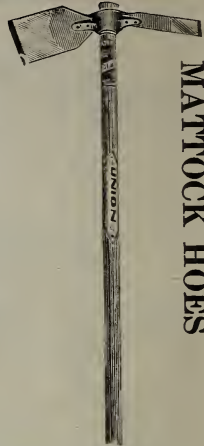


SPADE FORKS



5-TOOTH WEEDER

POTATO HOOKS



MATTOCK HOES

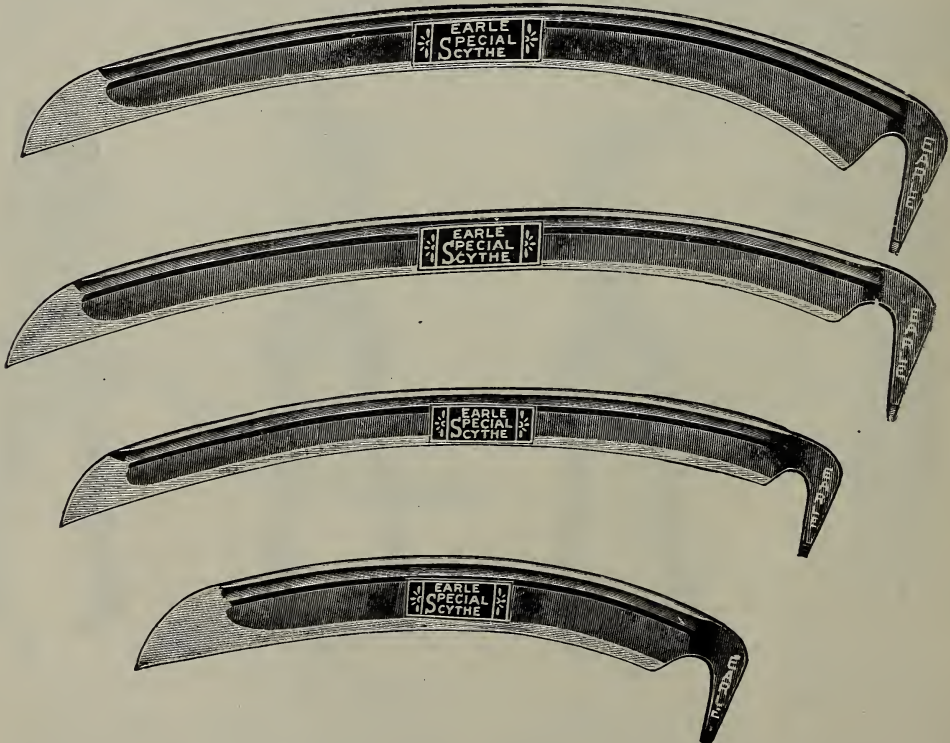
Price
Without Handle \$0.85
With Handle \$1.00

FIELD and GARDEN HOES



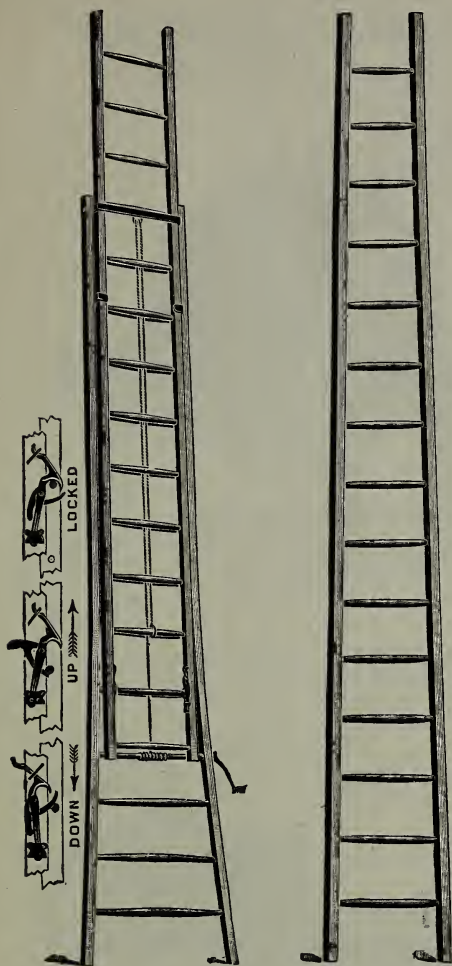
EARLE SPECIAL SCYTHES, FORGED STEEL—

The Earle Special Scythes are the best on earth, because they are made from the highest quality tested materials in a most complete factory, by the most skilled workmen obtainable.



Grass, Weed and Brush Price, Each \$2.00

LADDERS

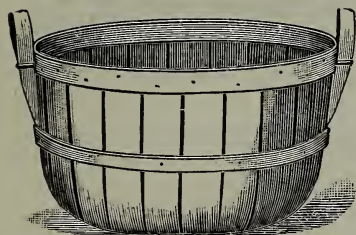


All long ladders are bored at the proper angle, so that the round enters the side at the correct angle to correspond with the spread of the ladder. This improvement, found only in our ladders, removes the cause of so much warping to one side. They are oiled with pure linseed, and colored with chemically pure Chrome Yellow.

Extension Ladders, 20 to 40 feet45c ft.

Straight Ladders, 10 to 20 ft.40c ft.

Step Ladders, 3 to 8 ft.40c ft.



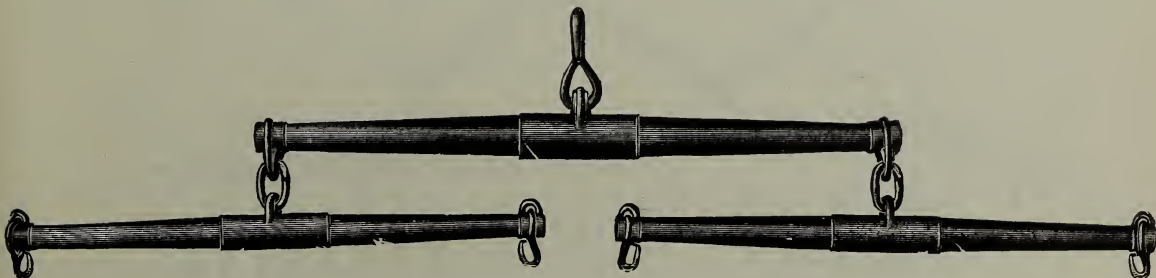
Stave Baskets



Grape Baskets
3 and 6 lb.



1 Qt. Berry
Baskets



DOUBLE TREES and SINGLE TREES.

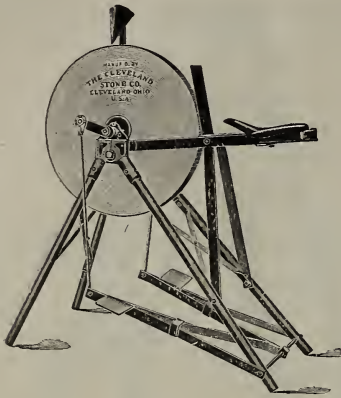
Wood Plow Double Trees.

Wood Wagon Double Trees

Steel Plow Double Trees.

STERLING GRINDSTONE

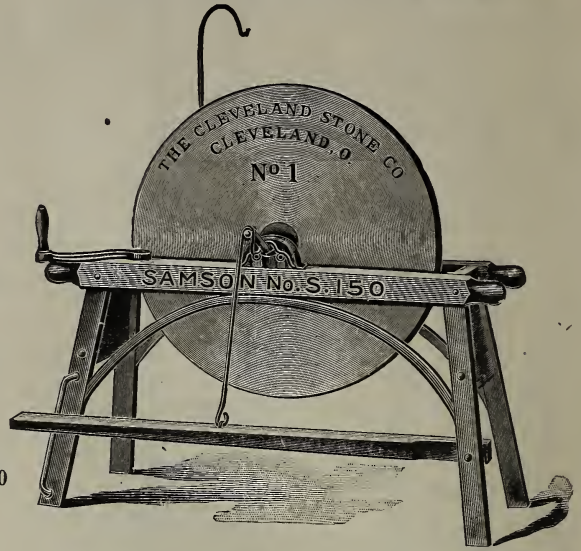
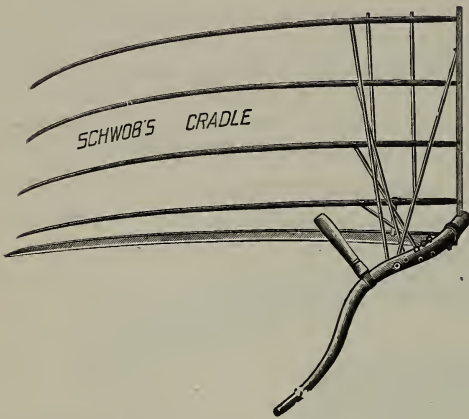
Steel Frame, Ball Bearings.



Stone 19 to 22 inches\$9.50

SAMPSON GRINDSTONE

Mounted with specially selected stone.

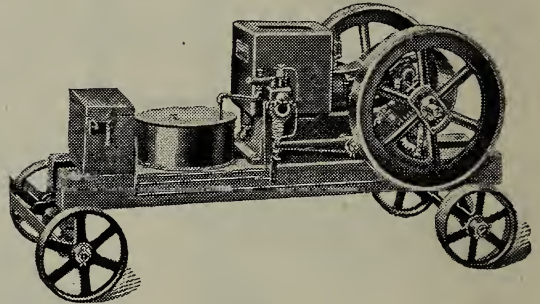
**GRAIN CRADLE**

Schwob's Grain Cradle

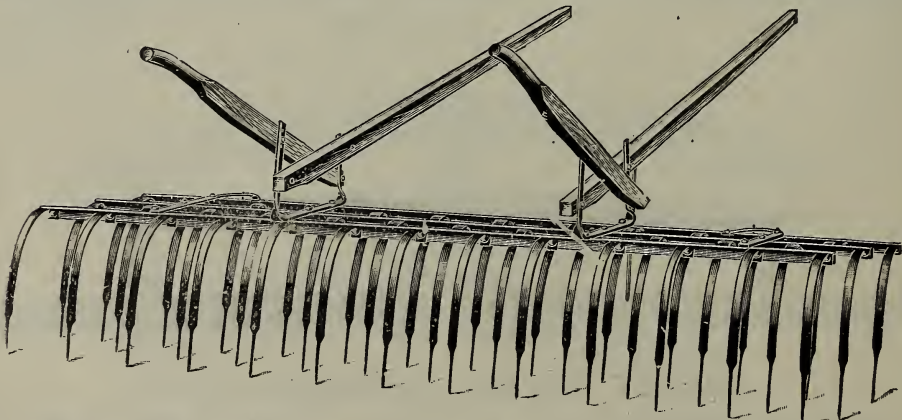
- No. 1—Stone Weighs 100 to 110 lbs.....\$7.50
 No. 2—Stone Weighs 70 to 80 lbs..... 7.00
 No. 3—Stone Weighs 40 to 50 lbs..... 6.50

ENGINES

Gas, Gasoline and Kerosene



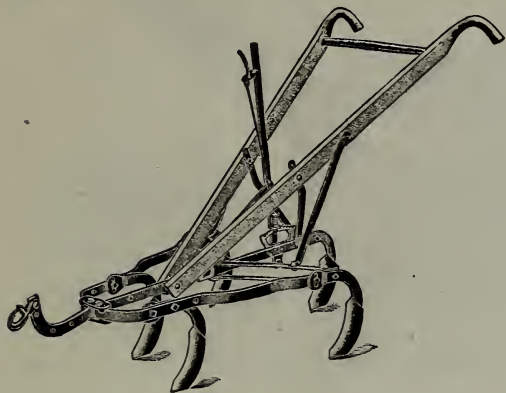
Made in sizes from one to twenty horse-power, mounted or on skids.

"SUCCESS" ANTI-CLOG WEEDER AND CULTIVATOR

Frame Angle Bar Steel. Flat Spring Steel Teeth, Round Ends

Price \$15.00.

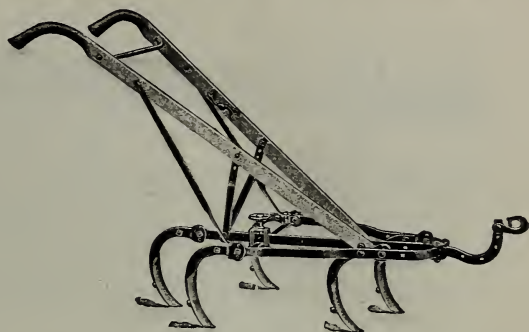
Fort Pitt Cultivator



5 Tooth With LeverPrice \$ 8.25

7 Tooth With LeverPrice 10.00

Fort Pitt Cultivator



5. Tooth PlainPrice \$7.75

Fort Pitt Cultivator

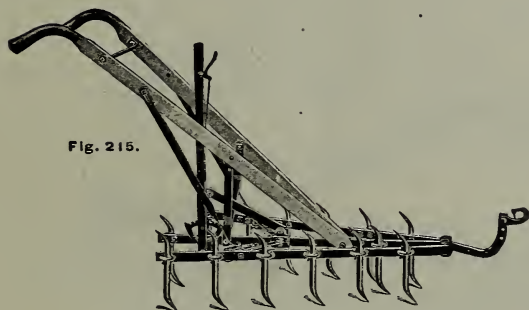


Fig. 215.

14 Tooth PlainPrice \$7.75

14 Tooth With LeverPrice 8.50

Fort Pitt Double Shovel Plow

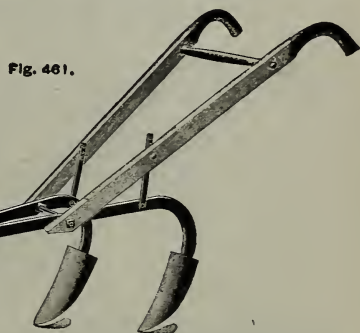


Fig. 461.

Steel BeamPrice \$5.50

Fort Pitt Wing Shovel Plow

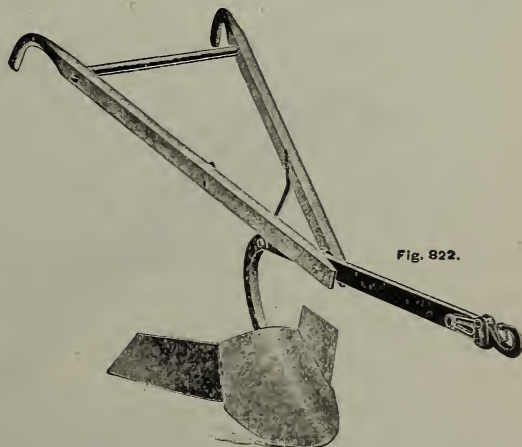


Fig. 822.



1 1/2"

3"

3 1/2"

4"

CENTER SHOVEL



WHEEL AND STANDARD



R.L. HILLERS

HillersPer Set \$2.00

WheelsEach 1.25

BladesEach .25

Steel BeamPrice \$6.00

Wood BeamPrice 6.00

THE VULCAN CHILLED PLOW

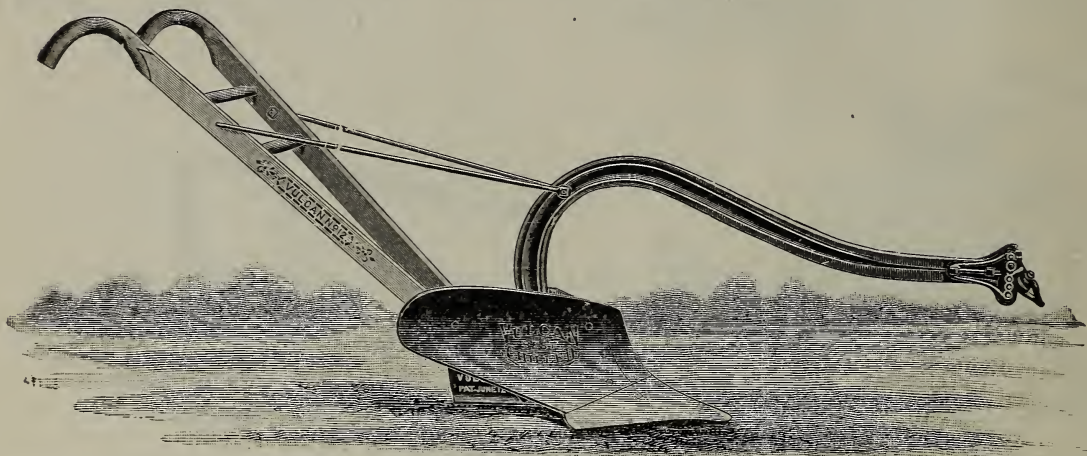


Is considered by users as the BEST PLOW manufactured.

Superior Construction of the Best Material by Competent Mechanics is responsible for its Strength, Durability, Light Draft, and Steady Running. Both Right and Left Hand.

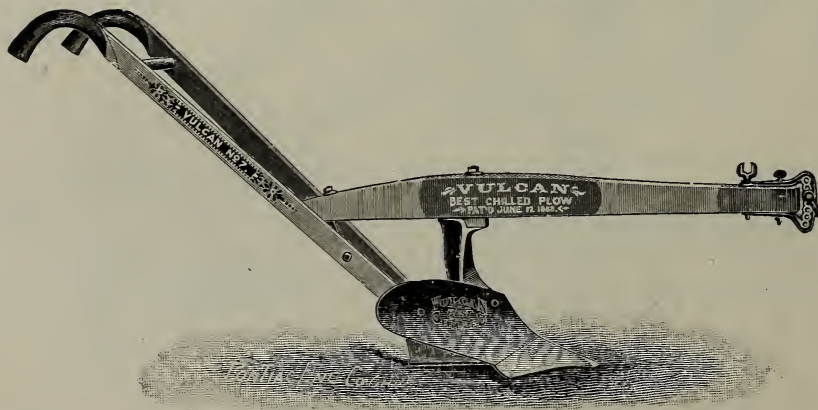
No. 13. Plow, Plain	Price \$21.00	Wheel	Price \$ 1.75
No. 14. Plow, plain	Price 22.00	Jointer	Price 4.00

VULCAN STEEL BEAM PLOW



No. 13. Plow, plain	Price \$22.00	Wheel	Price \$ 1.75
No. 14. Plow, plain	Price 23.00	Jointer	Price 4.00

VULCAN ONE-HORSE PLOW



No. 8 Plow	Price \$11.00	No. 10 Plow	Price \$18.00
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VULCAN HILLSIDE PLOW

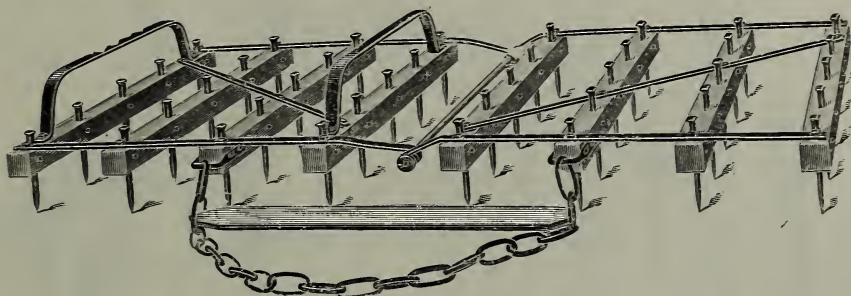


Simple, strong, easily handled. No complicated parts to get out of order.

The Shoe extends full length of bottom of Standard, is Full Chilled to promote long wear, is easily removed and cheaply replaced when necessary.

No. 8. Wood Beam, plain	Price \$12.75	No. 10. Steel Beam, plain	Price \$20.00
No. 8. Steel Beam, plain	Price 14.50	No. 12. Steel Beam, complete with	
No. 10. Wood Beam, plain	Price 18.50	Wheel and Jointer	Price 32.00

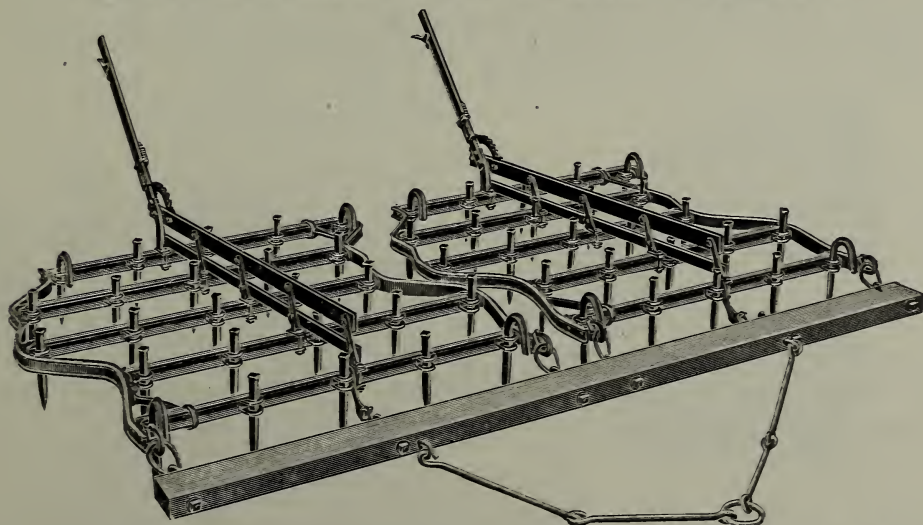
ROYAL WOOD FRAME HARROW



One Horse, 32 ToothPrice \$11.00

Two Horse, 40 ToothPrice \$14.50

Spike Tooth Steel Frame Harrow

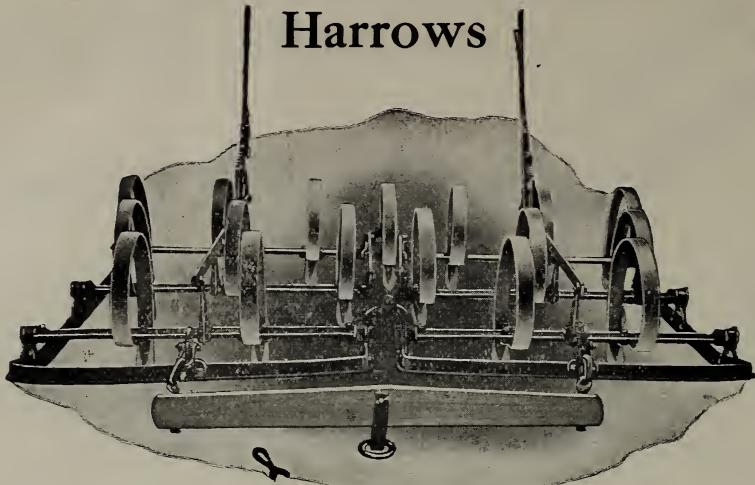


The outside frame is made of channel steel and the tooth bars are riveted to it by means of steel rivets. This construction gives protection to the tooth bars and prevents injury to their coming in contact with stumps, fences or other obstructions. $\frac{5}{8}$ -inch Teeth.

50 ToothPrice \$24.00

60 ToothPrice \$25.00

Harrows



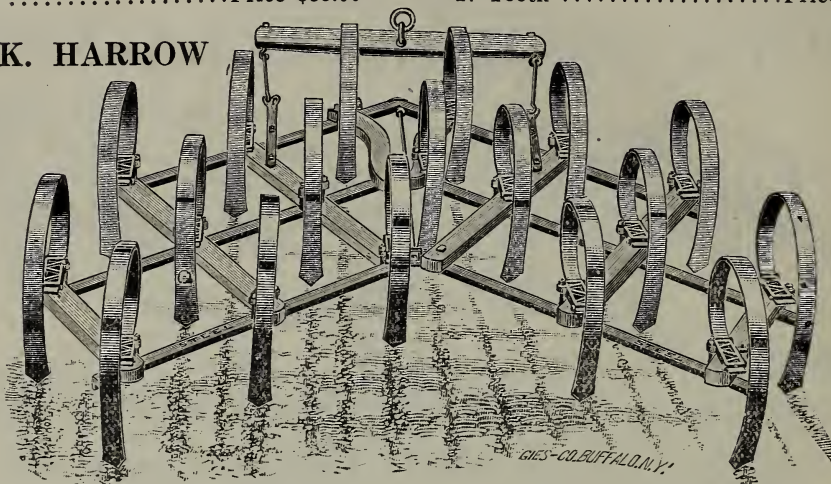
LOW DOWN SPRING TOOTH LEVER HARROW

Frame is made entirely of steel, with a separate steel plate bolted on the under side of the runners to take the wear. These plates can be renewed at a small expense.

15 ToothPrice \$33.00

17 ToothPrice \$35.00

U. T. K. HARROW



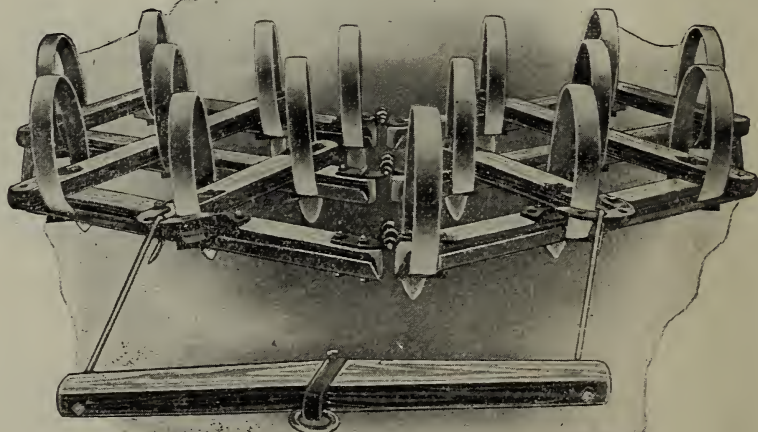
Frame draft bars are made of high carbon steel angle bars, the lower edge of which act as levelers and clod crushers. Cross bars made of hardwood, well painted and varnished.

16 ToothPrice \$20.00

18 ToothPrice \$22.00

PERRY HARROW WOOD FRAME.

Lined, Guarded,
Protected Bolt Heads,
Perfect Tooth Seat
and Adjustable Hitch



16 ToothPrice \$21.00

18 ToothPrice \$23.00

INCUBATORS

PORTABLE
HOVER

ADAPTABLE
HOVER

STYLE A
Outdoor Brooder

STYLE B
Outdoor Brooder

STYLE D
Indoor Brooder

Paradise Brooder



No. 0 SIZE
(70 Egg)

No. 1 SIZE
(144 Egg)

No. 2 SIZE
(244 Egg)

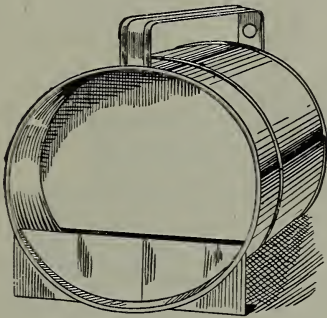
No. 3 SIZE
(396 Egg)

Queen Hot Water
(70 Egg)

Queen Hot Water
(130 Egg)

Cyphers Hot Air and Queen Hot Water Incubators.

THE "BOSTON" FOUNTAIN.



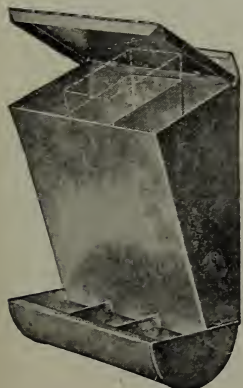
Nothing to Get Out of Order.

1 Quart \$.50 each 4 Quart \$.90 each
2 Quart \$.65 each 8 Quart \$ 1.25 each

We have recently made an improvement in this Fountain and we now have a very simple and durable Fountain.

EASILY FILLED. EASILY CLEANED.

GRIT AND SHELL BOX.

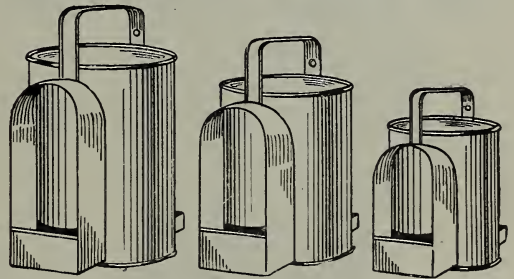


No. 1...\$1.00 each

No. 2... 1.25 each

Made of galvanized iron with hinged cover. Bottoms of these boxes are rounded, which prevents the grit from clogging.

POULTRY WALL FOUNTAIN.

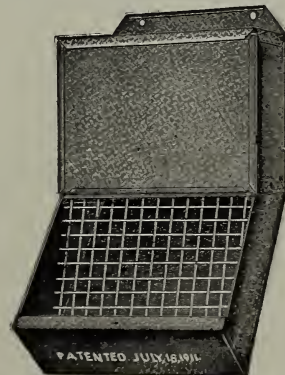


Made of galvanized iron and warranted tight.

Prices

2 qt., 65c; 4 qt., 90c; 8 qt., \$1.25.

SEXTON'S DRY FEED HOPPER.



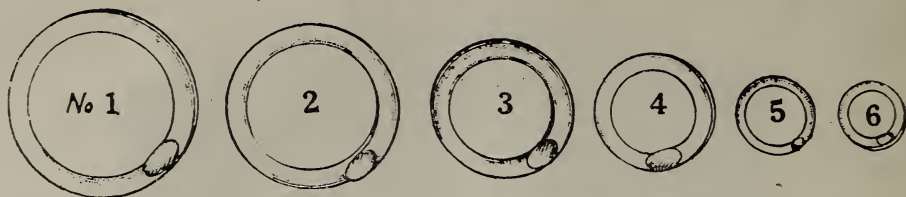
Patented July 18, 1911.

No. 5—24 quarts capacity...\$3.00 each.
No. 1—12 quarts capacity.... 2.00 each.
No. 2— 3 quarts capacity.... 1.25 each.

EASY TO FILL—NO WASTE.

Pronounced to be the best Hopper offered. Simple in construction, easily operated and absolutely "rat" and "mouse" proof.

SPIRAL LEGBANDS



Made in TEN different COLORS—Red, Green, Amber, Black, White, Pink, Yellow, Ruby, Light Blue and Dark Blue.

15c Doz.

50c for 50.

85c for 100.



ONE NIGHT ROUP CURE

Has no equal for Roup, Gapes, Canker, Chicken-pox, Cholera or Diarrhoea.

Small Bottle 25c.

Large Bottle 50c.



When you buy Darling's Meat Scraps you get a clean, wholesome, nutritious feed, free from excessive grease or fat which causes bowel troubles and fatty degeneration of the liver.

Darling's Meat Scraps have been used with gratifying success at various state experiment stations, and are enthusiastically endorsed by most of the prominent poultry men in every section of the United States. Purely on its merits, we recommend it to you.

Price on Application.

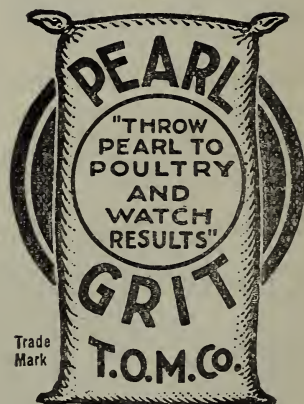
Round Baby Chick Feeders.



Pure food for the baby chicks. A great feed saver, as the little chicks cannot get into it and contaminate the feed.

No. 11—6 inches in diameter, 8 feeding holes
Each, \$0.25.

No. 12—8¼ inches in diameter, 12 feeding holes
Each, \$0.40.



In every sack of Pearl Grit that you buy, you receive double value because Pearl Grit is a DOUBLE PURPOSE GRIT. No shell-making materials, such as lime, magnesium, or oyster shells are needed. When you buy Pearl Grit you get all of these. Saves you time and labor and produces more eggs than are possible when ordinary grit is fed.

Price on Application.

Ideal Feeder.

This Feeder is made so that it can be hung from the ceiling or any suitable place, thereby making it possible to scatter the grain farther than any automatic feeder, and it also gives the poultry all of the floor space.

8 Qt.	\$2.00
12 Qt.	2.50
20 Qt.	3.00

STERLINGWORTH Water Glass

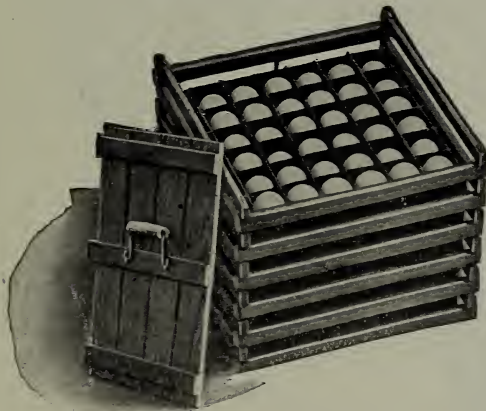


Keeps Eggs Eighteen Months.

Saves money and helps keep down the high cost of living.

Put down eggs when they are cheap and keep them fresh for 18 months. One gallon added to 12 parts of water makes sufficient for 65 dozen. Water need not be boiled for use with our Water Glass.

1 Qt. 45c.	1 Gal. \$1.25.
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Owosso Egg Carrier

3 Doz. Size 35c.	12 Doz. Size 60c.
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This egg carrier is extremely popular among farmers and poultry raisers. Saves breaking of eggs, affords perfect ventilation, keeping eggs cool and fresh.



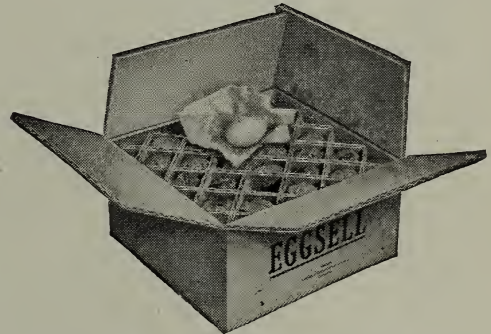
They are standard in size, tinted a natural brown color, and an exact imitation of a hen's egg. They contain powerful disinfectant and lice killing properties which insure freedom from insect pests in nests and on the laying hen.

5c Each.	50c Doz.
----------	----------



LIME NEST EGG. A perfect nest egg. Cheap, strong, durable and odorless. Will not break, and does not disintegrate. Much more satisfactory than the ordinary china nest egg, as the china eggs get very cold in winter, and the hens will kick them out of the nest.

Price, 30c Doz.



The "Eggsell" Shipping Box

For Market or Hatching Eggs.

Express or Parcel Post Shipments.

This box affords maximum protection to eggs, none of them ever come in contact with the side wall of the box and the diagonal crossing of the divisions prevents the weight of the eggs above from crushing those below. If the eggs are in perfect condition when packed, they will arrive at destination without breaking. Owing to the special construction of the box, the length and width are always the same, consequently the flaps form double thickness on top and bottom.

Sizes—1 doz.	2 doz.	3 doz.	4 doz.	6 doz.
25c	30c	35c	45c	60c

U. S. POULTRY FENCE—Strongest, Cheapest, Best

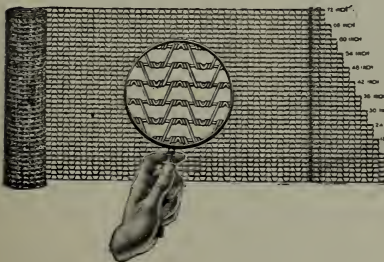
U. S. Poultry Fence is made in heights from 12 to 72 inches. Galvanized before and after weaving. Put up in 150-ft. rolls.

It is not merely a substitute for the old style netting, but is something better for less money to the consumer and sells on sight. It is the strongest, cheapest, most sightly and best fence for the purpose yet invented. It is a great leader, trade builder and customer satisfier. Made of No. 19 wire throughout.

List Price, Per Roll (150 Lineal Feet) U. S. Poultry Fence.

In. wide	12	18	24	30	36	42	48	60	72
2 in. mesh	\$2.48	\$3.56	\$4.54	\$5.42	\$6.19	\$7.22	\$8.25	\$10.32	\$12.38
1 in. mesh	4.95	7.12	9.08	10.83	12.38	14.44	16.50	20.63	24.75

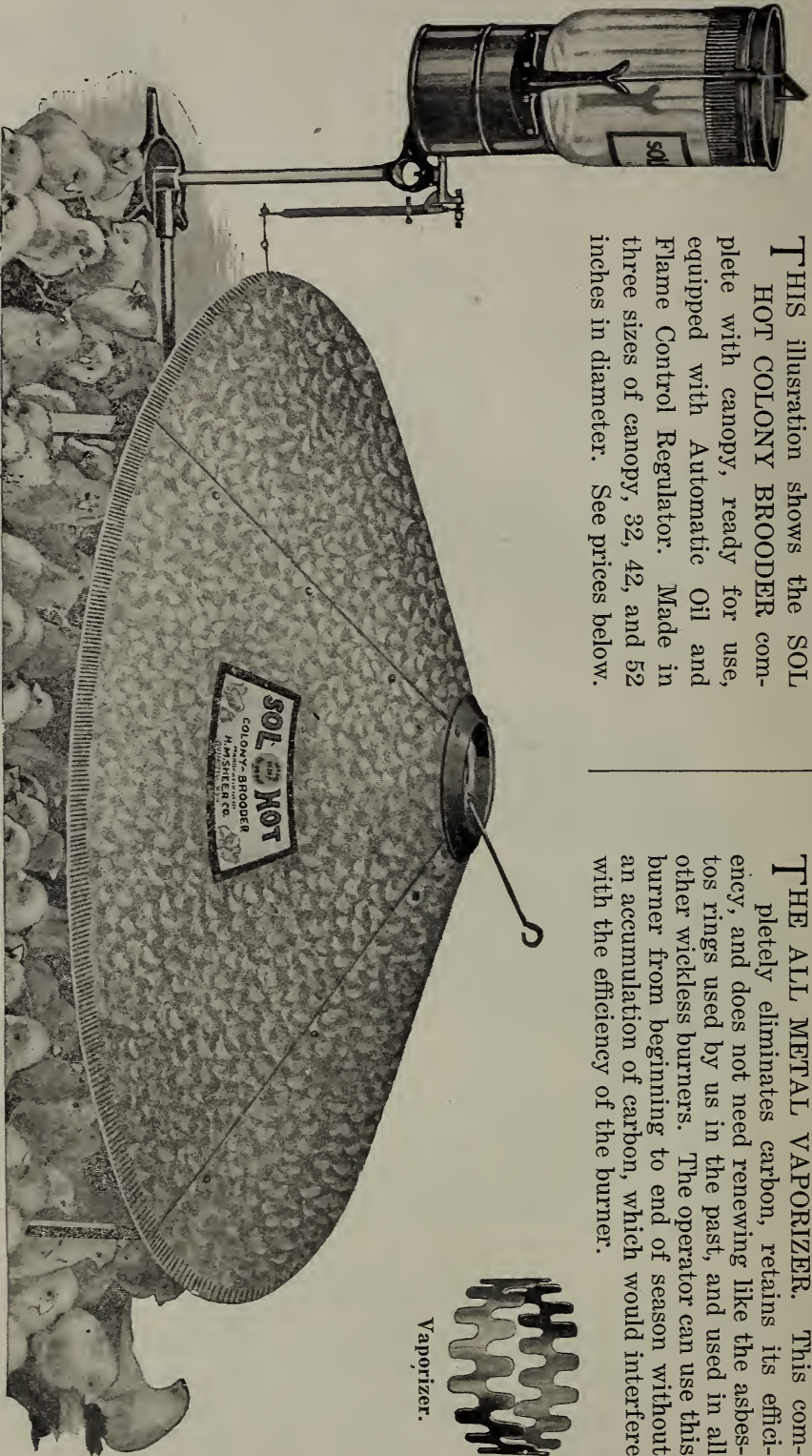
Ask for Discount.



THIS illustration shows the SOL HOT COLONY BROODER complete with canopy, ready for use, equipped with Automatic Oil and Flame Control Regulator. Made in three sizes of canopy, 32, 42, and 52 inches in diameter. See prices below.

THE ALL METAL VAPORIZER. This completely eliminates carbon, retains its efficiency, and does not need renewing like the asbestos rings used by us in the past, and used in all other wickless burners. The operator can use this burner from beginning to end of season without an accumulation of carbon, which would interfere with the efficiency of the burner.

Vaporizer.



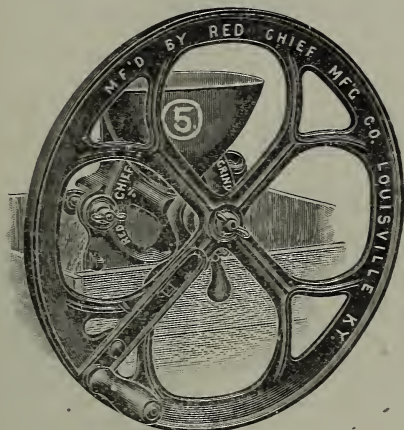
SIZES AND PRICES OF SOL HOT BROODER, HEATERS AND LAMPS.

Baby Sol Hot Brooder complete with canopy	\$10.00
The Standard Sol Hot Brooder, complete with 32 inch canopy.....	17.50
The Standard Sol Hot Brooder, complete with 42 inch canopy.....	20.00
The Standard Sol Hot Brooder, complete with 52 inch canopy.....	22.50



The BLACK HAWK Corn Sheller has met every test. Has never failed to give absolute satisfaction. The first ones sold are still in daily use and doing perfect work.

Price \$2.75.

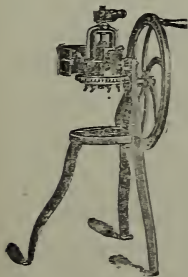


"Red Chief" No. 5

A Perfect Hand Power Grinding Mill

The Fly Wheel makes the Mill run steady and with the least possible power to turn it. With the crank extended, there is no mill that will run as easy.

Price, \$8.50.



Mann's Latest Model Bone Cutter, No. 7.

Price List of Mann's Bone Cutters

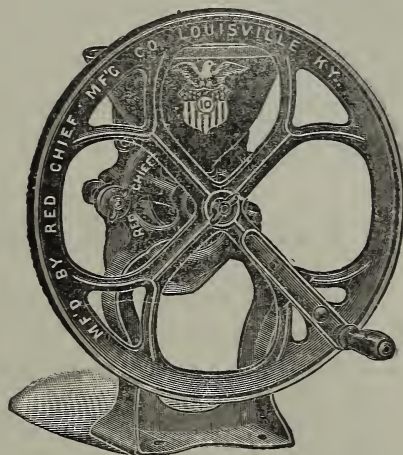
No. 5 C—With Crank Handle.....	\$12.00
No. 5 B—With Balance Wheel	16.00
No. 5 BM—With Balance Wheel and Iron Stand	20.00
No. 7—With Balance Wheel and Iron Stand	24.00
No. 7½—Semi-Power Machine	32.00



Black Hawk Grist Mill

As shown by cuts herein, is warranted to wear well and to grind well Corn, Wheat, Rye, Rice or other small grain, beans, peas, spices, etc.

Price, \$3.50.



No. 10 "Red Chief."

Grinds Coffee, Chicken Feed and Cracks Peas, etc. Will make good Corn Meal and Graham Flour. Can be cleaned and adjusted in a moment's time without the use of a wrench.

Price, \$10.00.

The "King" Cream Separator

Single can or dilution style, water and milk mixed. Sets in a tripod with ample room to place a pail underneath faucet for drawing off milk and cream.

Specifications.

Tank: Heavy tin, tapering form. Removable brass faucet. Mica gauge glass. Strainer cover. Oiled wood legs which fit into a heavy metal ring into which the can sets. Crated singly.



No. 505— 5 gal. capacity.....	Price \$6.00
No. 510—10 gal. capacity.....	Price 7.00
No. 515—15 gal. capacity.....	Price 8.00
No. 520—20 gal. capacity.....	Price 9.00

Golden Grain

Golden Grain Laying Mash



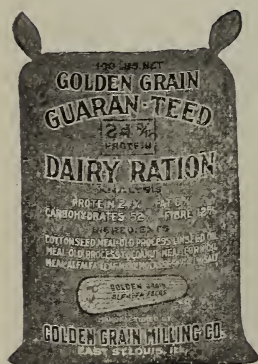
A scientific certainty—composed of ingredients which furnish all the necessary elements to produce a complete egg, when fed in connection with a good scratch feed. When fed dry, your laying hens will consume one pound of mash to two pounds of scratch feed. We always have a fresh stock of this feed in our warehouses. Golden Grain Laying Mash analyzes. Protein 22 per cent, Fat $31\frac{1}{2}$ per cent, Carbohydrates 57 per cent, and Fibre not over 9 per cent.

Golden Grain Scratch Feed

A good scratch feed—composed of whole grains, milled properly, containing no grit, dust or offal. The grains making up this feed are of the best quality obtainable—no sour or musty ones are used. Golden Grain Scratch Feed, like all other Golden Grain products, is a scientifically proportioned ration, which when fed with a suitable egg mash, such as the Golden Grain Laying Mash, will insure excellent returns from chickens. Remember, all scratch feeds produce too few whites of eggs. Golden Grain Laying Mash remedies this.



Guaran-teed Dairy Feed



Complete in every detail—a ration consisting of 24 per cent Protein, $41\frac{1}{2}$ per cent Fat, 52 per cent Carbohydrates (sugar and starches), Fibre not over 12 per cent. This feed is also manufactured from high-grade materials, all of which are largely digestible. We recommend it to the dairy trade with absolute certainty it will produce satisfactory results. It is sweet, palatable, and much liked by "Bossy." It takes 60 to 70 per cent of a cow's ration to keep her alive. The extra 30 to 40 per cent belongs to you. We carry other high grade dairy feeds in stock.

PHONE WIRE OR MAIL

Quality Feeds

Golden Grain Fat Back Hog Feed

Fat Back Hog Feed provides the highest amount of feeding value for the least money. It is the lowest priced hog feed on the market, quality considered. Fat Back Hog Feed will serve as a complete ration for hogs from weaning time until they become market toppers. Often it is fed with corn. Feed either as a thick slop, or dry. "Fat Back" contains the necessary nutrients to build bone, muscle, and flesh quickly and economically. It contains 18 per cent Protein.



Golden Grain Horse and Mule Feed



Golden Grain Horse and Mule Feed is for the feeder who desires to feed a fairly heavy grain ration. It is a solid feed, always sweet and palatable, and keeps horses in a good, healthy condition at all times. Its ingredients are corn, oats, alfalfa meal, molasses, and one-half of 1 per cent salt. All these materials are only of the best.

Protection Horse and Mule Feed

Protection Horse and Mule Feed has the same materials in it that the Golden Grain Horse and Mule Feed carries, but it has much more grain—in fact, 80 per cent of its weight is corn and oats. Gee, but it's a dandy!

Both of these horse feeds are more nourishing, digestible and economic than grain feeds; besides, it keeps them healthy with a slick coat of hair.



ORDERS. IMMEDIATE SHIPMENTS.

We cannot too strongly impress on Dog Owners the vital importance of feeding their dogs a perfectly balanced ration containing the necessary ingredients mixed together in the correct proportion.



SPRATT'S DOG CAKES

Are weight for weight equal to raw beef steak and superior to it as a food for dogs.

Prices on Application.

We Carry in Stock a Full Line of **DOG REMEDIES**

Pratts

**POULTRY
REGULATOR
BUTTERMILK BABY CHICK FOOD
POULTRY REMEDIES**

PRATT'S POULTRY REGULATOR

This half century old preparation is still unapproached for keeping poultry robust, and for producing the necessary poultry health which means lots of eggs. It regulates the bowels and digestive organs of all fowls and enriches the blood, this bringing about a condition of sound health which resists disease, prevents unnatural habits such as egg eating.

It is also largely used and recommended for raising turkeys, geese, ducks, pigeons, guineas and other fowl.

Wonderfully inexpensive—only about a cent per month per hen—yet it carries the famous Pratt Guarantee of satisfaction or money refunded.

Put up in convenient packages; also in 12 and 25 lb. pails and 50 and 100 lb. bags.

When baby chicks come, keep them healthy and growing and bring even the weak ones along by feeding



The Bone Shaped
DOG AND PUPPY FOODS

MILK-BONE is made to meet the particular physical needs of dogs; it is made to suit the peculiar digestive organism of dogs. Milk-Bone not only provides the necessary energy-producing materials, but it also supplies the materials for tissue repair.

Small Package25c

Large Package40c



PRATT'S BUTTERMILK BABY CHICK FOOD

A largely pre-digested baby food for baby chicks. Guaranteed to raise every livable chick. Prevents leg weakness, white diarrhoea, "pasting up" and other chick diseases.

The cost per chick for three weeks is about one cent. If by using Pratt's Baby Chick Food you can save five more chicks out of one hundred than you formerly did, considering these five chicks at three weeks of age as worth at least One Dollar, your food has cost you nothing and you have five more husky chicks. These figures are too conservative as losses ordinarily in many cases average from 25 per cent to 50 percent for the first three weeks.

Using Pratt's Baby Chick Food means Life Insurance for the baby chicks for the critical first three weeks period, at a very small outlay and guaranteed to give the little fellows a splendid start which will prove the foundation for the development of strong, healthy pullets and cockerels.

**SURE DEATH
TO LICE**

When hens are not laying, look for lice. These pests cost poultrymen many dollars.

Pratt's Powdered Lice Killer

Sprinkled on hens, in nests, dust-baths, etc., will quickly clean up the poultry house. Non-poisonous; non-irritating; non-explosive. In sifting top boxes.

An unequalled powder for killing lice on horses, cattle, hogs, dogs and cats. Destroys moths, insects and bugs in houses, stables and barns. Safe and effective for killing plant-eating insects.

30c and 60c.

Roup is the alert foe of poultry. Its ravages can be prevented and complete protection given your flocks by using

Pratt's Roup Remedy

(Tablets or Powder)

Its sealing properties are quickly taken into the system, purifying the blood and killing the roup germs. It not only cures, but tones up and restores the birds to vigorous health. It is the one remedy for genuine Roup as well as colds and similar diseases.

30c, 60c and \$1.20.

**ALWAYS ON
GUARD**



PRATT'S POULTRY DISINFECTANTHalf Gallon \$1.25, Quart 70c
PRATT'S WHITE DIARRHOEA TABLETS30c and 60c
PRATT'S SORE HEAD-CHICKEN POX REMEDY35c and 70c

Pratts,

Animal Regulators and Remedies



More work out of your horses, more milk from your cows, fatter hogs—these are a few of the benefits which come from using .

Pratt's Animal Regulator

This is the original and pioneer stock regulator of America. Tested thoroughly for nearly half a century, its worth is known and recognized by stock owners the world over. Always sold on a guarantee that it will satisfy you or your money back.

25 lb. pails, \$4.10, are popular with our customers.



Get Prices on 50 lb. and 100 lb. sacks.

Packages 30c, 60c and \$1.20.



FLIES! FLIES!! FLIES!!!

Tormenting both man and beast. Cutting down the milk yield—weakening horses and other live-stock through trying to fight off these pests. All this worry and loss avoided by using

Pratt's Fly Chaser

It's guaranteed to give comfort to cows during milking-time and that means comfort to the milker as well.

2 Qt., \$1.10; 1 Gal., \$1.75; 5 Gal. Cans, \$7.25; 10 Gal. Cans, \$13.50.

Keep your cows healthy while forcing milk produceion, without increased cost for feeding or care by giving them

Pratt's Cow Remedy

65c and \$1.30. Also sold in 12 lb. Tins at \$3.00 and 25 lb. Tins at \$5.50.

Insures healthy appetite, good digestion, increased vigor, greater milk production. Prevents and cures contagious abortion and other profit-destroying diseases.



Kill ticks, lice, mites on live-stock, guard against contagious disease germs, and drive away disagreeable odors. The surest way and the easiest is by using

PRATT'S

Dip and Disinfectant

Dip for animals, spray in stables, pens and poultry houses. Unequalled for use in the household. Highly effective and sanitary. Try it.

Qt., 70c; 2 Qt., \$1.25; 1 Gal., \$2.00



There is no better remedy of its kind for man or beast than

Pratt's Liniment

Can be used either to blister or without blistering by regulating application.

Cures rheumatism, lameness, sprains, bruises, contracted muscles, shoulder or stifle lameness, thrush or canker, sweeney, kicks, quinsy, curb, splint, capped hocks, shoe boils.

35c, 70c and \$1.40.



PRATT'S HORSE AND CATTLE CONDITIONER

Pratt's Calf Meal—Prices furnished on application.

Pratt's Hog Tonic—

2½ lb. pkg., 60c; 7 lb. pkg., \$1.20; 100 lb. bags, \$10.00.

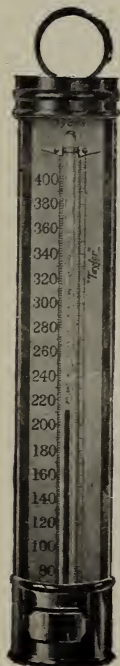
THERMOMETERS

No. 5400—Tycos Tin-Case Thermometer. Black-japanned heavy tin case; black-oxidized brass scale with white-filled figures and graduations; gold-plated screws and tube clasps; large magnifying permacolor-filled tube; air range 20 to 60 below zero to about 120° above. Fahrenheit. 8 Inch, \$1.50; 10 Inch, \$1.75

No. 5402—Tycos Tin-Case Thermometer. Black-japanned heavy tin case; silvered brass scale with black-filled figures and graduations; magnifying mercury-filled tube; high temperature range approximately 50 to 350° Fahrenheit. 12 Inch, \$2.50



5400



5402

No. 5774—Tycos Incubator Thermometer. Angle pattern with flange on upper edge turned over to hook on wire or metal strip; 4-inch black-oxidized brass scale with white-filled figures and graduations; mercury-filled tube. Price, Each 85c

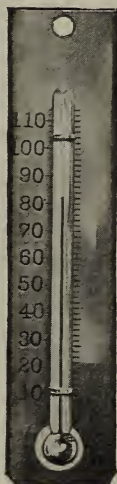
No. 5794—Brooder Thermometer. Four and one-half inches silvered-brass scale with black-filled figures and graduations; plain mercury-filled tube; approximate scale range 10 to 100° Fahrenheit. Price, Each 65c

No. 5796—Tycos Incubator Hygrometer. Stands 3¾ inches high and 4½ inches wide over all; black-oxidized brass scale with white-filled figures and graduations; glass cistern; silk wick; complete directions with each instrument. Price, Each \$1.75

No. 5715—All-Glass Floating Churn and Pasteurizing Thermometer. Length, eight inches; approximate scale range zero to 120° Fahrenheit, above; mercury-filled tube. Price, Each 85c

No. 5981—Tycos Soil (Hot Bed) Thermometer. Fifteen-inch V-shape wood case with handle; oxidized brass scale with white-filled figures and graduations; magnifying mercury-filled tube; mercury-filled bulb chamber, giving good contact; strong pointed metal end; approximate scale range 60 to 180° Fahrenheit.

No. 7240—Li-Sul-Sprayometer, New York and Pennsylvania Pattern, 0 to 38° Beame, ½° graduation, 1,000 to 1,350° Sp. Gr. .005° graduation. Price, Each \$1.25



5794



5774



5796



5715



7240



5981

FARMOGERM

High Bred Nitrogen Gathering Bacteria

Always inoculate all your legume seeds if you want the biggest yield and the maximum fertilizing value. No matter how big a crop you are getting, Farmogerm will improve it and increase the amount of nitrogen stored up for future use in the form of nodules on the roots.



"Farmogermmed"—Knee Deep.

WE CARRY
FARMOGERM for
Alfalfa, Vetches,
all Clovers, Sweet
Peas and every
variety of field
and garden Peas
and Beans.



Not Inoculated—Ankle Deep.

Note the bottle with the Patented Ventilating Stopper. This insures the bacteria being alive and active for at least five years. There is only one FARMOGERM, accept no substitutes.



This exclusive FARMOGERM feature is your insurance for thorough inoculation. FARMOGERM is always fresh. It is easy and simple to use. Full directions are on every bottle.

FARMOGERM bacteria have been bred up for eleven years in the laboratory by a great expert. They have been grown, sorted and developed until they are many times more active than the ordinary bacteria you find in the soil.

PRICES—5-Acre Size, \$8.00; 1-Acre Size, \$2.00; ¼-Acre Size, 50c.



STIM-U-PLANT

PLANT STIMULANT TABLET

Trade Mark Registered U. S. Patent Office



PLANT FOOD IN TABLET FORM

The Most Modern Efficient and Scientific Method of Fertilizing All Kinds and Conditions of Growing Plants in Home Garden, Orchard and on Farms.

STIM-U-PLANT is a 25 grain tablet with a guaranteed chemical analysis of 11% Nitrogen, 12% Phosphoric Acid and 15% Potash. No other plant food contains anything like as high an analysis as this.

STIM-U-PLANT Tablets are packed in four sizes:

Trial Size, containing 10 tablets.....\$.15	Medium Size, containing 100 tablets.....\$.75
Small Size, containing 30 tablets......25	Large Size, containing 1,000 tablets..... 3.50

1876-1877

SCOBIE & PARKER CO.

GENERAL AGENTS FOR THE
FAMOUS VULCAN PLOWS

YOU LOSE WHEN YOU DON'T BUY A VULCAN

COME AND SEE US—
WE WILL PROVE IT



Scobie & Parker Co.
507 Liberty Avenue
Pittsburgh, Pa.

Garden Seeds Field Seeds Bulbs and Roots Flower Seeds Chicken Feeds Engines
Washing Machines Kramer Wagons Wood Pumps Corn Planters Cider Mills
Harrows Feed Mills Dicks Fodder Cutters Roofing Paper Grain Drills